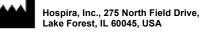
Hospira MedNet MedS

USER GUIDE







Hospira UK Limited Horizon, Honey Lane, Hurley, Maidenhead, SL6 6RJ, UK

430-98302-002 (C, 2016-06)

Notes:

Hospira MedNet[™] Meds[™] Software User Guide

Refer to this User Guide for complete instructions for use, warnings, and cautions associated with the Hospira MedNet[™] Meds[™] Software after it has been properly installed. Refer to the Installation and Configuration Guide for proper use, warnings, and cautions associated with installing and configuring the Hospira MedNet[™] Meds[™] Software. The help files included with the Hospira MedNet[™] Meds[™] Software are provided as reference only.

Intended Use

The Hospira MedNet[™] Medication Management Suite (MMS) is intended to facilitate networked communication between MMS compatible computer systems and Hospira Infusion pumps. The MMS provides trained healthcare professionals with the capability to send, receive, report and store information from interfaced external systems and to configure and edit infusion programming parameters.

The MMS is intended to provide a way to automate the programming of infusion parameters, thereby decreasing the amount of manual steps necessary to enter infusion data. All data entry and validation of infusion parameters is performed by a trained healthcare professional, according to physician's orders.

Please read this entire guide before using the Hospira MedNet[™] Meds[™] Software.

Hospira Advanced Knowledge Centre 1-800-241-4002 Available 24 hours a day (in the USA)

For assistance outside the USA, contact your local Hospira Representative

For device feature compatibility with Hospira MedNet[™] and/or to obtain a copy of this guide, contact the Hospira Advanced Knowledge Centre or your local Hospira representative, if outside the USA.

From our Hospira website, you can access our System Operating Manuals and this guide via the Support Centre's Infusion Pumps + Clinical Software.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Change History

Part Number

430-98302-002 (A, 2016-01) 430-98302-002 (B, 2016-05)

430-98302-002 (C, 2016-06)

Description of Change

Initial release per SCR MEDNET-2125 delete references to Formulary Interface. Plum 15.1 help links added

Pages Changed

Hospira MedNet Meds Software User Guide Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Symbols	Description
	Caution
	Warning
CE	CE Mark
REF	Catalogue Number
Hospira, Inc., 275 North Field Drive, Lake Forest, IL 60045, USA	Manufacturer
EC REP	Authorised Representative in the European Union
RxOnly	CAUTION: Federal (USA) law restricts this device to sale by or on the order of a doctor or other licensed practitioner
Ţ.	Consult Instructions for Use
	Date of Manufacture

Hospira MedNet Meds Software User Guide

iii

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibilithy Matrix available through your Hospira Support Centre.

Notes:

iv

CONTENTS

Chapter 1: Introduction	1
Terminology	2
General Warnings and Cautions	2
Computer Management and Security	3
Handling Infusers	3
Transferring Data	3
Chapter 2: Logging In and Out	5
Logging In	5
Logging Out and Exiting	6
Chapter 3: Configuration and Certificate Management	9
Overview	9
Certificate Management	
Chapter 4: Medication List	11
Overview	11
Import a Medication List	
Medication List View	
Add a Medication	18
Edit a Medication	20
Delete a Medication	21
Export a Medication List	23
Medication List Report	26
Chapter 5: The Library Directory	27
Overview	27
Library Directory Conventions	28
Step-by-Step Procedures	29
Chapter 6: Drug Library Management	41
Overview	41
Drug Library Management Conventions	43
Managing Drug Libraries	43
Chapter 7: Hospira MedNet Meds Reports	59
Overview	59
Plum A+ Drug Library Reports	61
Printing Reports	
Chapter 8: Setting Up CCAs	73
Overview	73
Service Lines	74
Create a New CCA	75
Edit a CCA	76
View a CCA	77
Delete a CCA	78
Change the Display Order of CCA Names	79
Setting Up a Plum 360	
Setting Up a Plum A+ CCA	84

Chapter 9: Plum A+ and Plum 360 Medication Entries8	37
Overview	87
Part 1: Plum 360	88
Defining Rule Sets 8	88
Setting Dose Rate Limits	90
Medication Entry Rules and Conventions	92
The Plum 360 Medication Rule Set	93
Step-by-step Procedures	96
Working with CCA Medication Entries	97
Working with the Master Drug Formulary 11	
Part 2: Plum A+ 12	21
Defining Rule Sets	
Setting Dose Rate Limits 12	
Medication Entry Rules and Conventions 12	
The Plum A+ Medication Rule Set 12	
Step-by-step Procedures 12	
Working with CCA Medication Entries 12	
Working with the Master Drug Formulary 13	37
Chapter 10: Master Infuser Set-Up 14	47
Plum 360 Master Infuser Settings 14	47
Plum A+ Master Infuser Settings 15	50
Appendix A: Hospira MedNet Integrator15	53
Overview	53
Glossary	55

Chapter 1: Introduction

Hospira MedNetTM is a server-based safety software product intended for use in healthcare facilities by trained healthcare professionals to provide valuable bedside guidance by managing IV infusion information with compatible Hospira infusion systems. The Hospira MedNetTM suite of software also includes a separate application, Hospira MedNetTM MedsTM.

Hospira MedNet[™] software enhances safety at the point of care with highly customisable drug libraries that guides users and help to protect patients by alerting to hard and soft, upper and lower dosing limits intended to help prevent infusion errors. These limits are based on a hospital's specific IV administration practices.

Hospira MedNet[™] software reduces manual programming steps by providing the option to allow pharmacy settings to flow directly into the compatible infusion pumps through the IV Clinical Integration (IVCI) solution. Hospira MedNet[™] software connects the pharmacy validated medication order with the infusion pump and the patient's electronic medical record (EMR), providing the opportunity for automated programming of the infusion pump.

Hospira MedNetTM software generates more than 20 different reports based on data, settings and changes that are automatically and wirelessly collected from the compatible infusion pumps. The generated reports help to turn data into actionable data to provide visibility to clinical practice. Depending on the EMR system capability, automated documentation in the EMR is also supported by Hospira MedNetTM.

Hospira MedNet[™] software packages consist of the components listed below. The specific components available to you will depend on your institution's licence.

Hospira MedNetTM AdministratorTM provides the ability to manage system users, infusers, drug library downloads, infuser software updates, access points, and other configurations.

Hospira MedNetTM **Connect**TM establishes the connectivity between the Hospira MedNetTM server and the infusers. It incorporates Ethernet and wireless components allowing Hospira MedNetTM MedsTM and Hospira MedNetTM AdministratorTM to exchange information with infusers.

Hospira MedNetTM **Integrator**TM provides interfaces to a hospital's enterprise level applications and serves as the conduit for the exchange of data between infusers, the Hospira MedNetTM server, and a variety of hospital information systems.

Hospira MedNetTM **Meds**TM provides functionality to the pharmacy for the definition and management of medications, drug libraries, clinical care areas, and infuser configurations.

Hospira MedNetTM **Performance**TM delivers data from the Hospira MedNetTM server into reports designed for asset management as well as clinical assessment of Hospira MedNetTM use with selectable options to best meet the needs of the user.

Hospira MedNetTM **Programmer**TM takes medication dispensing orders from the Bar Code Medication Administration (BCMA) system and translates them into operational commands which automatically populate settings on the infuser. For more information, see **Hospira MedNet**TM **Software User Guide**, Appendix B.

Hospira MedNet Meds Software User Guide

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Terminology

This document uses the following conventions:

- References to specific values are approximations only, unless otherwise indicated.
- The terms "Hospira MedNet[™] Software" and "the Software" are used interchangeably throughout this manual.

General Warnings and Cautions

The following conventions are used in this user guide to denote warnings or cautions:

Caution: Contains information that could prevent product damage or hardware failure. Failure to observe a caution could result in patient or user injury.



WARNING: Warning messages contain special safety emphasis and must be observed at all times. Failure to observe a warning message is potentially life threatening.



Caution: Federal (USA) law restricts this device to sale by or on the order of a physician or other licenced practitioner.

Note: Illustrations and screen representations are for illustrative purposes only and may vary from the actual software. Your computer's display settings may affect screen representations.

Computer Management and Security

- Except for virus data files (typically called "dat" files), do not install upgrades, service packs, or patches to non-Hospira software on computers on which Hospira MedNetTM Software is installed, except as authorised by Hospira.
- Do not enable automatic updates to operating systems on computers on which Hospira MedNet[™] Software is installed.
- Ensure that procedures are in place for backing up and restoring data, and that administrators can successfully restore data from earlier backups.
- Ensure that the network on which Hospira MedNet[™] Software is used has effective security procedures in place, including physical and network access control.
- Ensure that user passwords are protected.
- Ensure a backup power supply (uninterrupted power source) is available to prevent critical data loss.
- **Important:** We highly recommend that you regularly back up and purge your database. A database can grow to a large size that will affect the performance of your Hospira MedNet[™] system.

Although we suggest to purge a database every four years at a minimum, if you have more than 2000 infusers it would be wise to consider doing so more often. Complete backup instructions are in the Installation and Configuration Guide or you can consult our Advanced Knowledge Centre.

Handling Infusers

- Refer to the *System Operating Manual* for the applicable infuser for warnings and cautions before handling the infusers.
- Use care when handling connectors and cables.
- Avoid twisting or bending cables and connectors.
- Ensure compliance to IEC 60601-1-1 for connecting accessories to medical devices.

Transferring Data

- Ensure that only one instance of the Hospira MedNet[™] Meds[™] software is running on a computer at a time.
- To avoid inconsistencies between drug libraries, and reports, ensure that all infusers are using the same drug library version.

Note: The infusion devices compatible with Hospira MedNet will display selectable options based on your licencing and Hospira's compatibility matrix.

Hospira MedNet Meds Software User Guide

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Notes:

Chapter 2: Logging In and Out

Logging In

To log in to the Hospira MedNet Meds software:

1. Double-click the Hospira MedNet Meds 6.2 icon on the Windows desktop.



2. Enter your user ID and password into the appropriate fields. Each field must be between 8 and 20 characters.

Medser Meds
FOR USE WITH HOSPIRA COMPATIBLE INFUSERS
Institution Name
User ID:
Password: Log In Clear
Hospira MedNet TM Meds TM 06,20.01.003
Hospira MedNet™ Unique Device Identifier: 000.000.000
Exit
Instructions for use Horizon, Honey Lane Hurley, Maidenhead SL6 GRJ, UK Instructions for use is supplied Solely in electronic form. 275 Horth Field Drive Lake Forest, IL 60045 USA

3. Click Log In.

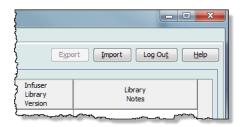
Hospira MedNet Meds Software User Guide

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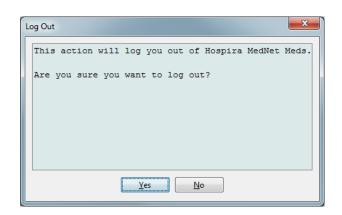
Logging Out and Exiting

To log out of Hospira MedNet Meds software:

1. Click Log Out.



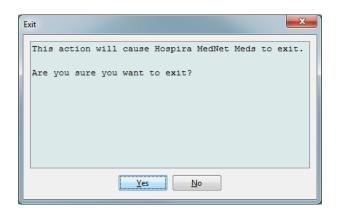
2. Click Yes.



3. Click Exit.

Medsim MedNet™ Meds					
	FOR U	ospira JSE WITH HOS		™ Meds™ NFUSERS	
		Ins	titution Name		
		User ID:	g In Clear		
			Net ^{**} Meds ^{**} 06.20.01.003 ue Device Identifier: 000.000.000.0 Exit	00	
CE	EC REP Hospira UK Limited Horizon, Honey Lane Hurley, Maidenhead SL6 GRJ, UK	\triangle	Instructions for use is supplied solely in electronic form.	Hospira, Inc. 275 North Field Drive Lake Forest, IL 60045 USA	@m.date

4. Click Yes.



Note: You will be automatically logged out of the application after 60 minutes of inactivity.

Hospira MedNet Meds Software User Guide

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Notes:

Chapter 3: Configuration and Certificate Management

Overview

The configuration view allows you to set either English (United States) or French (Canadian). Once you make a selection, the software will display all information in that language.

Libraries associated with a language will be viewed, edited, imported or finalized in that language option.

For English (United States), the date format is displayed as mmddyyyy, and the distal pressure unit is psi.

For French (Canadian), the date format can be displayed as follows:

- dd/mm/yy
- dd/mm/yyyy
- dd/mmm/yy
- dd/mmm/yyyy

and the distal pressure unit is mmHg.

You will need to navigate to the Configuration tab and make your selection.

	,		
Library Directory	Medications	Configuration	Certificate Management
-Hospira MedNe	iira MedNet™ t™ Unique De		01.003
Language English (In Spanish	ternational)		

Click Save and the appropriate language will be applied immediately.

Note: The language selected in Hospira MedNet Meds will automatically apply to the Hospira MedNet Software.

Hospira MedNet Meds Software User Guide

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Certificate Management

Important: Certificates are required in order to finalize drug libraries and to download a drug library to a Plum 360. Detailed instructions regarding the installation of certificates are available from the Advanced Knowledge Center or your local Hospira representative.

						Save	Log Ou <u>t</u> He
Assign Certi	ficates						
	Active Certi	ficate v					
Available Ce In Use	Description	Subject Name	Issuer Name	Valid From	Valid To	Algorithm/Key Size	Private Key
		CN=Hospira Inc.,OU=MedNet,O=Hospira\	CN=Hospira Inc	08/19/2004 05:16	08/22/2054 05:16	RSA 1024 bits	No
No	mmu				10/00/2016 02:01	RSA 2048 bits	No
No No	mmu foo	CN=Cornas.MedNet.Test	CN=MedNet-THRE	12/04/2015 03:01	12/03/2016 03:01	KOA 2040 DILS	NO

Following are the Hospira MedNet supported certificate formats: **Suitable for Import:**

Format	Encodi	ng	Contents		
Tornat	DER encoded binary	Base64 PEM	Contents		
X.509	Yes	Yes	Certificate only (no private key)		
PKCS #7	Yes	Yes	Certificate chain only (no private key		
PKCS #8	Yes	Yes	Private key only (no certificate)		
PKCS #12	Yes	N/A	Certificate with private key		

PKCS #8 allows for several password based encryption algorithms. The supported algorithms are:

- no password
- PBEwithMD5andDES
- PBEwithSHA1and3KEYDESede
- PBEwithSHA1and40BITRC2

Note: You cannot import private keys using PKCS #8

Suitable for Export:

Format	Encoding DER encoded binary	Contents
X.509	Yes	Certificate only (no private key)
PKCS #7	Yes	Certificate chain only (no private key)
PKCS #12	Yes	Certificate with private key

Hospira MedNet Meds Software User Guide

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Chapter 4: Medication List

Overview

The **Medication List** is the list of medications used by the hospital; it contains important data elements used in the development of drug libraries for the infusers used in your hospital.

In this chapter, you will learn how to create, import, and manage the Medication List. The chapters that follow contain detailed information on developing a drug library.

Identifying medications in the Medication List

The Medication List requires each medication to have an External identifier (ID.) The External ID is especially important if your Hospira MedNet system is integrated with another system that sends programming information to the infuser. The External ID is used to assure a match between the medication sent by the sending system and the medication rule set used by the Hospira MedNet software.

Considerations for assigning an External ID

If Hospira MedNet is to be integrated with another system (such as a BCMA system) that sends programming information to the infuser (medication, concentration, rate, etc.), each generic name in the Medication List must have a unique External ID. This External ID must also be used by the sending system (in this case, the BCMA system.) This allows, for example, all dopamine products, such as amps, vials, and syringes, to be represented as a single entry in the Medication List referring to the generic name "dopamine". The corresponding generic level External ID number will vary depending on the BCMA system integrated to Hospira MedNet, for example, catalogue code or Multum ID for Cerner Millennium, etc. Your Pharmacy Consultant will work with you to create the correct file for your implementation.

If Hospira MedNet is not to be integrated with another hospital system that sends programming information to the infuser, all that is required is that each item in the Medication List has a corresponding External ID. In this case, you may want to have various manufacturers or package sizes of the same medication represented in the Medication List. Each generic name can appear multiple times as long as each has its own unique External ID. Numeric sequences or charge master identifiers can be used for this purpose.

How External ID is used in Drug Libraries

When a drug library is developed, certain rules (listed below) that involve the External ID are enforced.

Within a drug library, for medication entries in a Clinical Care Area (CCA):

- There can be only one rule set for each combination of External ID and Concentration.
- There can be only one rule set for each combination of Displayed Name and Concentration.

These rules enable both the Hospira MedNet software and the infuser software to positively identify the specific medication rule set in the drug library.

Note: When a user is in the Medication List, no other user can be in the Medication List or any library. Each library allows only one user at a time.

Hospira MedNet Meds Software User Guide

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Import a Medication List

A Medication List file may be imported into Hospira MedNet Meds multiple times. Each import file should contain all medications that can be infused even if they have been imported previously.

Formatting the CSV file

Importing a Medication List involves the creation of a Comma Separated Value (.csv) file containing the medication information. Your pharmacy system may support creating a file in this format or in a similar format that can be manipulated in Excel. The file can have 12 columns as specified below, if importing an entire Medication List. However, if you want to edit only the External ID and Generic Names, you can do it through the Export feature as described in Export a Medication List on page 23.

- a. The first line of the file is ignored by the Medication List Import function. It should contain the field names in the table below.
- b. Each subsequent line in the file should include one medication entry per line.
- c. Each subsequent line in the file must include data in the External ID and Generic Name fields.

Field Name	Field Type	Number of Characters allowed ¹
External ID	String	20
NDC	String	20
Generic Name	String	100
Brand Name	String	100
Strength	Numeric	20
Strength Units	String	25
Volume	Numeric	20
Volume Units	String	25
Therapeutic Class ID	String	20
Therapeutic Class Description	String	200
Dosage Form ID	String	20
Dosage Form Description	String	200
¹ Comma (,), angle bracket ($>$), and inverted confields in the import file.	ommas (") character	s are not permitted within

Note: External ID and Generic Name are the only fields in which data is required.

Hospira MedNet Meds Software User Guide Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre. The Medication List can be created as a spreadsheet and saved in .csv format to be imported. An example of a 12-column spreadsheet containing the medication list information is as follows:

External					Strength		Volume	Therapeutic		Dosage	Dos. Form
ID	NDC	Generic Name	Brand Name	Strength	Unit	Volume	Units	Class ID	Therapeutic Class Description	Form	D escription
1738	00173-0362-38	RANITIDINE	ZANTAC	50	MG	2	ML	56:28.12	HISTAMINE H2-ANTAGONISTS1	VL	VIAL
2823	67286-0040-02	RETEPLASE	RETAVASE	10	UNITS	10	ML	2 12.20	THROMBOLYTIC AGENTS\1	VL	VIAL
2790	00944-2967-05	RHO(D) IMMUNE GLOBULIN(WINRHO)	WINRHO	1000	MCG	4.4	ML	80:04.00	SERUMS	VL	VIAL
2665	55390-0123-01	RIFAMPIN	RIFADIN (EQ)	600	MG	1	VIAL	08 16.00	ANTIMYCOBACTERIALS 1	VL	VIAL
412	00052-0450-15	ROCURONIUM	ZEMURON	50	MG	5	ML	12:20.20	NEUROMUS CULAR BLOCKING AGENTS 1	VL	VIAL
2412	00186-0863-77	ROPIVACAINE 0.5%	NAROPIN			30	ML	72 00.00	LOCAL ANESTHETICS (PARENTERAL)	VL	VIAL
32	00270-0556-15	SINCALIDE	KINEVAC	5	MCG	1	VIAL	36:34.00	GALLBLADDER FUNCTION	VL	VIAL
610	00409-6609-02	SODIUM BICARBONATE 4%	SODIUM BICARBONATE 4%			5	ML	40:08.00	ALKALINIZING AGENTS	VL	VIAL
1918	00409-6625-02	SODIUM BICARBONATE 8.4%	SODIUM BICARBONATE 8.4%	50	MEQ	50	ML	40:08.00	ALKALINIZING AGENTS	VL	VIAL
555	00409-1966-14	SODIUM CHLORIDE 0.9% BACT	SODIUM CHLORIDE 0.9% BACT			30	ML	40.12.00	REPLACEMENT PREPARATIONS	VL	VIAL
579	00409-4888-12	SODIUM CHLORIDE PF 0.9%	SODIUM CHLORIDE PF 0.9%			10	ML	40.12.00	REPLACEMENT PREPARATIONS	VL	VIAL
580	00409-4888-50	SODIUM CHLORIDE PF 0.9%	SODIUM CHLORIDE PF 0.9%			50	ML	40:12.00	REPLACEMENT PREPARATIONS	VL	VIAL
612	00409-6629-02	SUCCINYLCHOLINE	SUCCIN/LCHOLINE	200	MG	10	ML	12 20.20	NEUROMUSCULAR BLOCKING AGENTS 1	VL	VIAL
1662	00703-9514-03	SULFAMETH/TRIMETH	BACTRIM (EQ.)			10	ML	08.12.20	SULFONAMIDES (SYSTEMIC) 1	VL	VIAL
2329	00029-6571-26	TICARCILLIN/CLAVULANATE	TIMENTIN	3.1	GM	1	VIAL	08.12.16	PENICILLINS	VL	VIAL
10	63323-0303-55	TOBRAMYCIN	TOBRAMYCIN	1.2	GM	1	VIAL	08.12.02	AMINOGLYCOSIDES	VL	VIAL
1461	63323-0306-55	TOBRAMYCIN	TOBRAMYCIN	80	MG	2	ML	08.12.02	AMINOGLYCOSIDES	VL	VIAL

Considerations for the Medication List Import File in CSV format

Save the file to .csv format. Extracts from information systems are commonly Excel files, tabseparated files, or pipe-separated files. Each of these can be saved as a CSV file using Excel.

Remove any rows or columns in the CSV file that do not contain required data. Ensure that there are 12 columns.

Evaluate the information provided to determine how the fields provided can map to the import file specifications.

- a. Is there an identifier for each drug that can be used for External ID?
- b. Does each drug have a Generic Name that contains only the generic name (without strength, volume, or dosage form)?
- c. Are Therapeutic Class ID and Description provided?

Therapeutic Class MUST have an ID. The Description is optional. (If only a Description is supplied, use the same information for ID and Description. Copy the Description column to the ID column.)

d. Is there data for Dosage Form ID and Description?

Dosage Form MUST have an ID. The Description is optional. (If only a Description is supplied, use the same information for ID and Description. Copy the Description column to the ID column.)

Remove medications that cannot be infused on a pump from the list.

Format the columns in the file to match the import file specifications.

- a. Ensure that all columns are present and are named correctly (even if there is no data contained in them).
- b. Ensure that columns are in the proper order.
- c. Remove special characters (commas, left and right angle brackets, and inverted commas characters.)

In Excel, from the Edit menu, you may use the Find/Replace option.

- Find comma character, replace with blank.
- Find left angle bracket character, replace with left parenthesis.
- Find right angle bracket character, replace with right parenthesis.
- Find inverted commas character, replace with single quotation mark.

Hospira MedNet Meds Software User Guide

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Final check:

- a. Sort file by External ID.
- b. A particular External ID should only appear in one row in the file.
- c. Ensure that each medication has data in both the External ID and Generic Name columns.
- d. A Generic Name can appear multiple times in the file with different External IDs.

Importing the Medication List

Important: Importing the Medication List replaces any medications already in the list. Complete instructions are provided in the next segment, Working with the Medication List on page 16.

Once the file has been formatted as described above:

1.	From the Med	lication List	view, select	Import.
. .	1 10111 1110 11100		, 10, 1, 501000	import.

how active medication	ns	with any	generic nar	ne or exter	nal ID 💌	A	pply Refre <u>s</u> h	Active meds:8
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
CETAZOLAMIDE	DIAMOX (EQ)	3468	100 MG	1 ML	**	05/06/2013 12:00	active	
CETAZOLAMIDE	DIAMOX (EQ)	1384	500 MG	5 ML	VIAL	05/06/2013 12:00	active	
CETYLCYSTEINE	MUCOMYST (EQ)	2708	200 MG	1 ML	**	05/06/2013 12:00	active	-
CETYLCYSTEINE 36	. ACETYLCYSTEINE 36	2745	36 GM	180 ML	VIAL	05/06/2013 12:00	active	
CYCLOVIR	ZOVIRAX (EQ)	705	50 MG	1 ML	**	05/06/2013 12:00	active	
CYCLOVIR	ZOVIRAX (EQ)	1701	500 MG	10 ML	VIAL	05/06/2013 12:00	active	
CYCLOVIR-D5W	ACYCLOVIR-D5W	3760	7 MG	1 ML	INFSYR	05/06/2013 12:00	active	
DENOSINE	ADENOSCAN	3284	3 MG	1 ML	**	05/06/2013 12:00	active	-
DENOSINE	ADENOCARD	1562	90 MG	30 ML	VIAL	05/06/2013 12:00	active	
DENOSINE	ADENOCARD (EQ)	2411	6 MG	2 ML	VIAL	05/06/2013 12:00	active	
LBUMIN 25%	ALBUMIN 25%	424	12.5 GM	50 ML	IV BTL	05/06/2013 12:00	active	_
LBUMIN 5%	ALBUMIN 5%	421	12.5 GM	250 ML	IV BTL	05/06/2013 12:00	active	-
LBUMIN 5%	ALBUMIN 5%	422	25 GM	500 ML	IV BTL	05/06/2013 12:00	active	
LCOHOL ETHYL	ABSOLUTE ALCOHOL	1060		1 ML	AMP	05/06/2013 12:00	active	
LDESLEUKIN	PROLEUKIN	2144	1.1 MG	1 ML	**	05/06/2013 12:00	active	
LEMTUZUMAB	CAMPATH	3534	30 MG	1 ML	**	05/06/2013 12:00	active	
LPROSTADIL	PROSTIN VR PED (EQ)	3029	500 MCG	1 ML	**	05/06/2013 12:00	active	
LPROSTADIL	PROSTIN VR PED (EQ)	194	500 MCG	1 ML	AMP	05/06/2013 12:00	active	
LTEPLASE	CATHFLO	2760	2 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
LTEPLASE	ACTIVASE	2769	1 MG	1 ML	**	05/06/2013 12:00	active	-
LTEPLASE	ACTIVASE	2768	50 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
LTEPLASE	CATHFLO	3793	1 MG	1 ML	**	05/06/2013 12:00	active	
LTEPLASE	ACTIVASE	1259	100 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
MIKACIN	AMIKACIN	1439	250 MG	1 ML	**	05/06/2013 12:00	active	
MIKACIN	AMIKACIN	211		2 ML	VIAL	05/06/2013 12:00	active	
MINO ACID 2%-DEX		3422	000110	250 ML	TV BAG	05/06/2013 12:00	active	
MINO ACIDS 10%	TROPHAMINE	976		500 ML	BTL	05/06/2013 12:00	active	
MINO ACIDS 15%	AMINO ACIDS 15%	626		2000 ML	IV BAG	05/06/2013 12:00	active	
MINO ACIDS 8%	HEPATAMINE 8%	977		500 ML	BTL	05/06/2013 12:00	active	
MINOCAPROIC ACID	AMICAR (EQ)	1669	0.25 GM	1 ML	**	05/06/2013 12:00	active	
MINOCAPROIC ACID	AMICAR (EQ)	1062		20 ML	VIAL	05/06/2013 12:00	active	
	AMINOPHYLLINE	1051	250 MG	20 ML 10 ML	VIAL	05/06/2013 12:00	active	
MINOPHYLLINE	AMINOPHYLLINE	1052	500 MG	20 ML	VIAL	05/06/2013 12:00	active	
MINOPHYLLINE-NSS	AMINOPHYLLINE AMINOPHYLLINE-NSS	3927	2.5 MG	20 ML 1 ML	INESYR	05/06/2013 12:00	active	
MINOPHTELLINE-NSS	CORDARONE (EQ)	1718	2.5 MG	3 ML		05/06/2013 12:00	active	

The File to Import screen displays.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

2. Navigate to the location of the Medication List to import.

File to Import						×
Look in:	🧮 Desktop			¥	1 📂 🛄	
Recent Items Desktop My Documents	Cécile Lax Cécile Lax Computer Computer Loon MMU D CecileDB Loon 1.00.1 MedNet so MedNet so	00.043-CD1 urce 5.8				
	File <u>n</u> ame:	meds lists.csv				Select
Network	Files of <u>type</u> :	Comma Separate	d Files (*.csv)		¥	Cancel

3. Click **Select**. A pop-up window displays a preview of changes to the Medication List. Medications that are being added are displayed in green. If the Medication List currently contains medications, you will see medications that are being deleted displayed in red and medications that are being updated displayed in blue.

nporting file DefaultM 108 medication(s) wi 404 medication(s) wi								
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Upd	Status	
% Hypertonic NaCl		3				07/29/2013 17:08	obsolete	
% Hypertonic NaCl		4				07/29/2013 17:08	obsolete	
bciximab	Abciximab	EXT_ID_001			code_1		active	
bciximab (Reopro)		132				07/29/2013 17:08	obsolete	
cetaminophen		1015				07/29/2013 17:08	obsolete	
cetylcysteine		133				07/29/2013 17:08	obsolete	
icyclovir	Acyclovir	EXT_ID_002			code_2		active	
cyclovir (Zovirax)		5				07/29/2013 17:08	obsolete	
denosine *FFR		337				07/29/2013 17:08	obsolete	
denosine Syringe		267				07/29/2013 17:08	obsolete	
lbumin	Albumin	EXT_ID_003			code_3		active	
mikacin IVPB		9				07/29/2013 17:08	obsolete	

- 4. If satisfied with the preview, click **OK**.
- 5. To prevent the import, click Cancel.
- 6. If you clicked **OK**, a message confirming the import displays.

Import Complete	X
Medication List import completed.	
ŌK	

7. Click OK.

Note: It is not possible to undo the import of the medication list once it has been completed.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Working with the Medication List

Importing a Medication List file completely replaces the existing list. Any medication entries in a Worksheet that are associated with medications that are no longer in the medication list must be deleted or reassigned to a new medication before the Worksheet can be finalised.

The following table summarises the behaviour when a new medication list is imported when there are already medications present in the list:

Medication present in the Medication List	Medication present in Import File	Action
Y	Ν	Removed
Y	Y	Updated
N	Y	Added

Medication List View

The Medication List view displays:

- Generic Name
- Brand Name
- External ID
- Strength
- Volume
- Dosage Form
- Received/Updated
- Status

You can filter the medications displayed by:

- active medications
- active and pending medications
- pending medications

with

- any generic name or External ID
- generic names beginning with (any character)
- External IDs beginning with (any character)

how active medication	s	▼ with any	generic na	me or exter	nal ID 🔻	,	Apply Refre <u>s</u> h	Active meds:80
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
ACETAZOLAMIDE	DIAMOX (EQ)	3468	100 MG	1 ML	**	05/06/2013 12:00	active	
ACETAZOLAMIDE	DIAMOX (EQ)	1384	500 MG	5 ML	VIAL	05/06/2013 12:00	active	
CETYLCYSTEINE	MUCOMYST (EQ)	2708	200 MG	1 ML	**	05/06/2013 12:00	active	-
ACETYLCYSTEINE 36	ACETYLCYSTEINE 36	2745	36 GM	180 ML	VIAL	05/06/2013 12:00	active	
ACYCLOVIR	ZOVIRAX (EQ)	705	50 MG	1 ML	**	05/06/2013 12:00	active	
ACYCLOVIR	ZOVIRAX (EQ)	1701	500 MG	10 ML	VIAL	05/06/2013 12:00	active	
ACYCLOVIR-D5W	ACYCLOVIR-D5W	3760	7 MG	1 ML	INFSYR	05/06/2013 12:00	active	
ADENOSINE	ADENOSCAN	3284	3 MG	1 ML	**	05/06/2013 12:00	active	
ADENOSINE	ADENOCARD	1562	90 MG	30 ML	VIAL	05/06/2013 12:00	active	
ADENOSINE	ADENOCARD (EQ)	2411	6 MG	2 ML	VIAL	05/06/2013 12:00	active	
ALBUMIN 25%	ALBUMIN 25%	424	12.5 GM	50 ML	IV BTL	05/06/2013 12:00	active	
ALBUMIN 5%	ALBUMIN 5%	421	12.5 GM	250 ML	IV BTL	05/06/2013 12:00	active	-
ALBUMIN 5%	ALBUMIN 5%	422	25 GM	500 ML	IV BTL	05/06/2013 12:00	active	
ALCOHOL ETHYL	ABSOLUTE ALCOHOL	1060		1 ML	AMP	05/06/2013 12:00	active	
ALDESLEUKIN	PROLEUKIN	2144	1.1 MG	1 ML	**	05/06/2013 12:00	active	
ALEMTUZUMAB	CAMPATH	3534	30 MG	1 ML	**	05/06/2013 12:00	active	
ALPROSTADIL	PROSTIN VR PED (EQ)	3029	500 MCG	1 ML	**	05/06/2013 12:00	active	
ALPROSTADIL	PROSTIN VR PED (EQ)	194	500 MCG	1 ML	AMP	05/06/2013 12:00	active	
ALTEPLASE	CATHFLO	2760	2 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
ALTEPLASE	ACTIVASE	2769	1 MG	1 ML	**	05/06/2013 12:00	active	
ALTEPLASE	ACTIVASE	2768	50 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
ALTEPLASE	CATHFLO	3793	1 MG	1 ML	**	05/06/2013 12:00	active	
ALTEPLASE	ACTIVASE	1259	100 MG	1 VIAL	VIAL	05/06/2013 12:00	active	
AMIKACIN	AMIKACIN	1439	250 MG	1 ML	**	05/06/2013 12:00	active	
AMIKACIN	AMIKACIN	211	500 MG	2 ML	VIAL	05/06/2013 12:00	active	
AMINO ACID 2%-DEX	AMINO ACID 2%-DEX	3422	000110	250 ML	IV BAG	05/06/2013 12:00	active	
AMINO ACIDS 10%	TROPHAMINE	976		500 ML	BTL	05/06/2013 12:00	active	
MINO ACIDS 15%	AMINO ACIDS 15%	626		2000 ML	IV BAG	05/06/2013 12:00	active	
AMINO ACIDS 15%	HEPATAMINE 8%	977		500 ML	BTL	05/06/2013 12:00	active	
MINOCAPROIC ACID	AMICAR (EQ)	1669	0.25 GM	1 MI	**	05/06/2013 12:00	active	
MINOCAPROIC ACID	AMICAR (EQ)	1062	5 GM	20 ML	VIAL	05/06/2013 12:00	active	
MINOCAPROIC ACID	AMINOPHYLLINE	1051	250 MG	20 ML 10 ML	VIAL	05/06/2013 12:00	active	
		1051	250 MG	20 ML	VIAL		active	
	AMINOPHYLLINE	1052 3927				05/06/2013 12:00		
MINOPHYLLINE-NSS	AMINOPHYLLINE-NSS CORDARONE (EQ)	3927 1718	2.5 MG 150 MG	1 ML 3 ML	INFSYR VIAL	05/06/2013 12:00 05/06/2013 12:00	active active	

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Add a Medication

1. Click the Medications tab.

Show active medication	s	with any	generic nar	ne or exter	nal ID 💌	A	pply Refre <u>s</u> h	Active meds:86
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
ACETAZOLAMIDE	DIAMOX (EQ)	3468	100 MG	1 ML	**	05/06/2013 12:00	active	
ACETAZOLAMIDE	DIAMOX (EQ)	1384	500 MG	5 ML	VIAL	05/06/2013 12:00	active	
ACETYLCYSTEINE	MUCOMYST (EQ)	2708	200 MG	1 ML	**	05/06/2013 12:00	active	_
ACETYLCYSTEINE 36	ACETYLCYSTEINE 36	2745	36 GM	180 ML	VIAL	05/06/2013 12:00	active	
ACYCLOVIR	ZOVIRAX (EQ)	705	50 MG	1 ML	**	05/06/2013 12:00	active	
ACYCLOVIR	ZOVIRAX (EQ)	1701	500 MG	10 ML	VIAL	05/06/2013 12:00	active	
AMINOPHYLLINE-NSS	AMINOPHYLLINE-NSS	3927	2.5 MG	1 ML	INFSYR	05/06/2013 12:00	active	
AMIODARONE	CORDARONE (EQ)	1718	150 MG	3 ML	VIAL	05/06/2013 12:00	active	-

2. Click Add. The Add Medication screen displays.

Add Medicati	ion X							
Generic Name:								
Brand Name:								
External ID:	NDC:							
	Amount: Unit:							
Strength:								
Volume:								
Therapeutic Class	s:							
Code:								
Description:								
Code	Description							
08:12.12	MACROLIDES							
20:12.18	PLATELET-AGGREGATION INHIBITORS							
08:18.20	INTERFERONS\1							
88:16.00	VITAMIN D							
40:28.08	LOOP DIURETICS\1							
•	► International							
Dosage Form:								
Code:								
Description:								
Code	Description							
IV BAG	IV BAG							
**	**							
VIAL	VIAL							
AMP	AMP							
SYR	SYR 💌							
•	Þ							
Status:								
Source:	Created On:							
Last Edited On:	Last Edited By:							
	Save Cancel Help							

- 3. Enter the medication name into the Generic Name field. This is a mandatory field.
- 4. Enter the Brand Name (optional field).
- 5. Enter the External ID. This is a mandatory field.

- 6. Enter the following optional information, if needed:
 - NDC (National Drug Code)
 - Strength Amount and Unit
 - Volume Amount and Unit
 - Therapeutic Class Code and Description (click on a row in the table to select)
 - Dosage Form Code and Description (click on a row in the table to select)
- **Note:** The contents of the Therapeutic Class and Dosage Form tables are determined by the information in the Medication List import file.

Status, Source, Created On, Last Edited On, and Last Edited By, will be filled automatically after the medication has been added.

Caution: Generic names cannot contain the special characters greater than (>), less than (<), ampersand (&), inverted commas ("), and single quotation marks ('.)



7. Click Save.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Edit a Medication

1. From the Medication List view, highlight the medication you want to edit.

Show active medication	s	▼ with any	generic nar	ne or exter	nal ID 🔻	A	pply Refre <u>s</u> h	Active meds:86
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
PIPERACILLIN/TAZOB	ZOSYN 3.375 GM	3773		50 ML	IV BAG	05/06/2013 12:00	active	
PROCAINAMIDE	PROCAINAMIDE	553	1 GM	10 ML	VIAL	05/06/2013 12:00	active	_
PROCAINAMIDE	PROCAINAMIDE	1873	0.5 GM	1 ML	**	05/06/2013 12:00	active	
PROCALAMINE	PROCALAMINE	1920		1000 ML	IV BTL	05/06/2013 12:00	active	
PROCHLORPERAZINE	COMPAZINE (EQ)	2514	5 MG	1 ML	**	05/06/2013 12:00	active	
PROMETHAZINE	PHENRGAN (EQ)	3224	25 MG	1 ML	**	05/06/2013 12:00	active	
PROMETHAZINE	PHENERGAN (EQ)	1143	25 MG	1 ML	AMP	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	983	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	2185	1000 MG	100 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	1783	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3888	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3889	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
PROPRANOLOL	INDERAL (EQ)	388	1 MG	1 ML	VIAL	05/06/2013 12:00	active	-
PROTAMINE	PROTAMINE	3076	50 MG	5 ML	VIAL	05/06/2013 12:00	active	
PROTAMINE (CV OR	PROTAMINE (CV OR	5	250 MG	25 ML	VIAL	05/06/2013 12:00	active	
PROTAMINE SULFATE	PROTAMINE SULFATE	3931	10 MG	1 ML	**	05/06/2013 12:00	active	
PYRIDOSTIGMINE	PYRIDOSTIGMINE	2371	10 MG	2 ML	VIAL	05/06/2013 12:00	active	
PYRIDOXINE	VITAMIN B-6	3264	100 MG	1 ML	**	05/06/2013 12:00	active	

- 2. Click Edit. The Edit Medication screen displays.
- 3. Make the changes needed.

Generic Name:	PROPOEOL	
	DIPRIVAN	
Brand Name:		
External ID:	983	NDC: 00310-0300-64
	Amount:	Unit:
Strength:	200	MG
Volume:	20	ML
Therapeutic Cl	ass:	
Code:	28:04.92	
Description:	GENERAL ANESTHETICS MISCE	LLANEOUS\1
Code		Description
28:04.92	GENERAL ANESTHETICS MIS	SCELLANEOUS\1
68:36.04	THYROID AGENTS	
24:12.08	NITRATES AND NITRITES	
20:12.20	THROMBOLYTIC AGENTS\1	
08:12.16	PENICILLINS	
4		>
Dosage Form:		
Code:	VIAL	
Description:	VIAL	
Code		Description
VIAL	VIAL	<u>•</u>
AMP	AMP	
SYR	SYR	
IV BTL	IV BTL	
10 ML	10 ML	
4		Þ
Status:	active	
Source:	import	Created On: 05/06/2013 12:00
	: 05/06/2013 12:00	Last Edited By: mednet_admin

4. Click Save.

Delete a Medication

To Delete a Medication that is not used in a Drug Library:

1. From the Medication List view, highlight the medication to be deleted.

Show active medication	s	with any	generic nar	me or exter	nal ID 🔻	A	pply Refresh	Active meds:86
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
PIPERACILLIN/TAZOB	ZOSYN 3.375 GM	3773		50 ML	IV BAG	05/06/2013 12:00	active	A
PROCAINAMIDE	PROCAINAMIDE	553	1 GM	10 ML	VIAL	05/06/2013 12:00	active	
PROCAINAMIDE	PROCAINAMIDE	1873	0.5 GM	1 ML	**	05/06/2013 12:00	active	
PROCALAMINE	PROCALAMINE	1920		1000 ML	IV BTL	05/06/2013 12:00	active	
PROCHLORPERAZINE	COMPAZINE (EQ)	2514	5 MG	1 ML	**	05/06/2013 12:00	active	
PROMETHAZINE	PHENRGAN (EQ)	3224	25 MG	1 ML	**	05/06/2013 12:00	active	
PROMETHAZINE	PHENERGAN (EQ)	1143	25 MG	1 ML	AMP	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	983	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	2185	1000 MG	100 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	1783	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3888	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
PROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3889	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
PROPRANOLOL	INDERAL (EQ)	388	1 MG	1 ML	VIAL	05/06/2013 12:00	active	_
PROTAMINE	PROTAMINE	3076	50 MG	5 ML	VIAL	05/06/2013 12:00	active	
PROTAMINE (CV OR	PROTAMINE (CV OR	5	250 MG	25 ML	VIAL	05/06/2013 12:00	active	
PROTAMINE SULFATE	PROTAMINE SULFATE	3931	10 MG	1 ML	**	05/06/2013 12:00	active	
PYRIDOSTIGMINE	PYRIDOSTIGMINE	2371	10 MG	2 ML	VIAL	05/06/2013 12:00	active	
PYRIDOXINE	VITAMIN B-6	3264	100 MG	1 ML	**	05/06/2013 12:00	active	

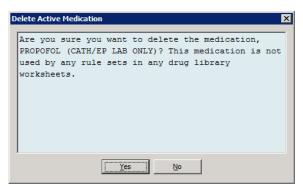
2. Click Delete. The Delete Medication screen displays.

Delete Me	dication	E
Generic Name	PROPOFOL (CATH/EP L/	AB ONLY)
Brand Name:	DIPRIVAN (CATH/EP LA	B ONLY)
External ID:	3888	NDC: 00310-0300-64B
	Amount:	Unit:
Strength:	200	MG
Volume:	20	ML
Therapeutic C	ass:	
Code:	28:04.92	
Description:	GENERAL ANESTHETICS	MISCELLANEOUS\1
Code		Description
28:04.92	GENERAL ANESTHET	ICS MISCELLANEOUS\1
68:36.04	THYROID AGENTS	
24:12.08	NITRATES AND NITR	
20:12.20	THROMBOLYTIC AGE	ENTS\1
08:12.16	PENICILLINS	
•		
Dosage Form:		
Code:	VIAL	
Description:	VIAL	
Code		Description
VIAL	VIAL	· · · · · · · · · · · · · · · · · · ·
AMP	AMP	
SYR	SYR	
IV BTL	IV BTL	
10 ML	10 ML	
•		
Status:	active	
Source:	import	Created On: 05/06/2013 12:00
Last Edited Or	05/06/2013 12:00	Last Edited By: mednet_admin
	Delete	Cancel Help

3. Click **Delete**.

Hospira MedNet Meds Software User Guide

The confirmation screen indicates the medication is not used in any drug library.



4. If you still wish to delete the medication, click Yes.

To Delete a Medication that is used in a Drug Library:

- 1. From the Medication List view, highlight the medication to be deleted. The Delete Medication pop-up displays.
- 2. Click Delete.

The pop-up indicates the Drug Libraries that contain the medication.

Infuser Type	Drug Library
Plum A+ 13.x	User Guide Plum A+
	ill need to edit or delete the rule sets before you can finalize the worksheets.

3. After reading the message, if you still wish to delete the medication, click Yes.

Export a Medication List

By selecting Export, you can export a file to a location of your choice.

- _ 🗆 🗙 **Hosp** Library Directory Medications Configuration Active meds:865 Show active medications ▼ with any generic name or external ID ▼ Apply Refre<u>s</u>h External ID Generic Name Brand Name Strength Volume Dosage Form Received/Updated Status PIPERACILLIN/TAZOB... ZOSYN 3.375 GM 3773 IV BAG 05/06/2013 12:00 50 ML active ٠ PROCAINAMIDE PROCAINAMIDE 553 1 GM 10 ML VIAL 05/06/2013 12:00 active PROCAINAMIDE PROCAINAMIDE 1873 0.5 GM 1 ML 05/06/2013 12:00 active TV BTI PROCALAMINE PROCALAMINE 1920 1000 MI 05/06/2013 12:00 active PROCHLORPERAZINE COMPAZINE (EO 2514 5 MG 1 MI 05/06/2013 12:00 active ** PROMETHAZINE PHENRGAN (EO) 3224 25 MG 1 ML 05/06/2013 12:00 active PHENERGAN (EQ) AMP PROMETHAZINE 05/06/2013 12:00 1143 25 MG 1 ML active VIAL PROPOFOL DIPRIVAN 05/06/2013 12:00 active 200 MG 20 M PROPOFOL DIPRIVAN 2185 1000 MG 100 ML VIAL 05/06/2013 12:00 active PROPOFOL DIPRIVAN 1783 500 MG 50 MI VIAL 05/06/2013 12:00 active PROPOFOL (CATH/EP ... DIPRIVAN (CATH/EP L.. 20 ML 3888 200 MG VIAL 05/06/2013 12:00 active PROPOFOL (CATH/EP ... 3889 DIPRIVAN (CATH/EP L. 500 MG 50 ML VIAL 05/06/2013 12:00 active PROPRANOLOL INDERAL (EQ) 388 1 MG 1 M VIAL 05/06/2013 12:00 active PROTAMINE PROTAMINE 3076 50 MG 5 M VIAL 05/06/2013 12:00 active PROTAMINE (CV OR . PROTAMINE (CV OR 250 MG 25 M VIAL 05/06/2013 12:00 active PROTAMINE SULFATE PROTAMINE SULFATE 3931 10 MG 1 MI 05/06/2013 12:00 active PYRIDOSTIGMINE PYRIDOSTIGMINE 2371 10 MG 2 ML VIAL 05/06/2013 12:00 active PYRIDOXINE VITAMIN B-6 3264 100 MG 1 ML 05/06/2013 12:00 active Ŧ <u>A</u>dd Edit Review Preferences Export Print Save to File Log Ou<u>t</u> Delete Import D Help
- 1. From the Medication List view, select Export.

The Select Export File Contents screen displays.

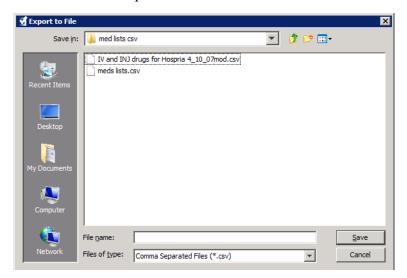
Select Export File Contents	x
All Medication Fields	
 Only External ID and Generic Name (used for bulk updates to these fields only) 	
QK <u>C</u> ancel <u>H</u> elp	

- 2. Select All Medication Fields or Only External ID and Generic Name.
- **Note:** Selecting to export only the external ID and Generic Names allows you to edit those two fields and then re-import them into the Medication List.
 - 3. Click **OK**. The Export to File screen displays.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

4. Select a location for the export of the Medication List.



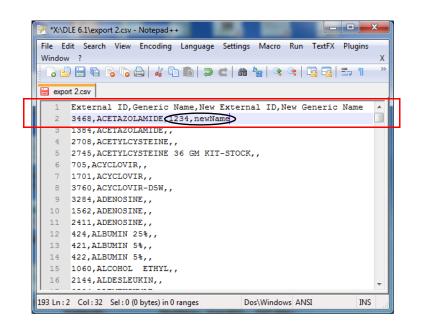
- 5. Enter a file name.
- **Note:** The medication list can only be exported in .csv (comma separated value) and XML formats. If you selected to export only the External ID and Generic Name you must export in .csv format.
 - 6. Click Save.

Editing an Exported External ID and Generic Name File

1. Select the .csv file you have exported and right-click to access Notepad or similar programme.

LE 6	1 🕨 👻 🖓	Search DLE 6.1	۶
•	Name	Date modified	Туре
	🖳 export 2	7/23/2014 11:41 AM	Microsof
	🔁 Install Hospira MedNet™ Meds 6.1	6/17/2014 11:41 AM	Adobe A
	🖼 Medication list	5/8/2014 4:49 PM	Microsof
-	Medication list	5/8/2014 4:49 PM	HTML D
3/20	14 11:41 AM Date created: 7/23/2014	4 11:41 AM	
5 KB	Offline availability: Not avail	able	

2. Right-click on the name of the file and using Notepad or similar programme, edit by adding a new External ID, and new Generic Name between commas.



3. From the File menu, select Save.

You can now import this edited file into the Medication List.

Hospira MedNet Meds Software User Guide

Medication List Report

- 1. You can select to either:
 - a. Save the report in .html format to a selected location by clicking Save to File,

or

b. Print a report of the data currently being displayed in the Medication List view by clicking **Print**.

how active medications	5	with any	generic nar	ne or exter	nal ID 🔻	A	ply Refre <u>s</u> h	Active meds:86
, Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	Received/Updated	Status	
PIPERACILLIN/TAZOB	ZOSYN 3.375 GM	3773		50 ML	-	05/06/2013 12:00	active	-
ROCAINAMIDE	PROCAINAMIDE	553	1 GM	10 ML	VIAL	05/06/2013 12:00	active	_
ROCAINAMIDE	PROCAINAMIDE	1873	0.5 GM	1 ML	**	05/06/2013 12:00	active	
ROCALAMINE	PROCALAMINE	1920		1000 ML	IV BTL	05/06/2013 12:00	active	
PROCHLORPERAZINE	COMPAZINE (EQ)	2514	5 MG	1 ML	**	05/06/2013 12:00	active	
ROMETHAZINE	PHENRGAN (EQ)	3224	25 MG	1 ML	**	05/06/2013 12:00	active	
ROMETHAZINE	PHENERGAN (EQ)	1143	25 MG	1 ML	AMP	05/06/2013 12:00	active	
PROPOFOL	DIPRIVAN	983	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
ROPOFOL	DIPRIVAN	2185	1000 MG	100 ML	VIAL	05/06/2013 12:00	active	
ROPOFOL	DIPRIVAN	1783	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
ROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3888	200 MG	20 ML	VIAL	05/06/2013 12:00	active	
ROPOFOL (CATH/EP	DIPRIVAN (CATH/EP L	3889	500 MG	50 ML	VIAL	05/06/2013 12:00	active	
ROPRANOLOL	INDERAL (EQ)	388	1 MG	1 ML	VIAL	05/06/2013 12:00	active	_
ROTAMINE	PROTAMINE	3076	50 MG	5 ML	VIAL	05/06/2013 12:00	active	
ROTAMINE (CV OR	PROTAMINE (CV OR	5	250 MG	25 ML	VIAL	05/06/2013 12:00	active	
PROTAMINE SULFATE	PROTAMINE SULFATE	3931	10 MG	1 ML	**	05/06/2013 12:00	active	
YRIDOSTIGMINE	PYRIDOSTIGMINE	2371	10 MG	2 ML	VIAL	05/06/2013 12:00	active	
PYRIDOXINE	VITAMIN B-6	3264	100 MG	1 ML	**	05/06/2013 12:00	active	

2. The appropriate window displays:

Save to File		X
Look in	: 📃 Desktop 🗾 🦻 🖽 -	
Recent Items	Loraries Loraries Colle Lax Computer Ondu DB install Lc-01.00.00.043-CD1 MedNet source 5.8	
	File name: Save	
Network	Files of type: HTML Files (*.html)	

Make your selections.

3. Click Save or Print.

🛓 Print	×
General Page Setup Appearance	
Print Service	
Name: Microsoft XPS Document Writer	▼ Properties
Status: Accepting jobs	
Type:	
Info:	🏳 Print To <u>F</u> ile
Print Range	Copies
(€ Aļ	Number <u>o</u> f copies:
C Pages 1 To 1	Collate
	Print Cancel

Chapter 5: The Library Directory

Overview

A drug library is a collection of medication names, rule sets, Clinical Care Areas (CCAs), and infuser settings. Hospira MedNet Meds software stores drug libraries in three ways:

- Worksheets
- Active Libraries
- Archived Libraries

A *Worksheet* is a library that has not yet been approved (finalised) for transfer to infusers. You can store multiple Worksheets in the database. However, you may only edit one Worksheet at a time.

An *Active library* is a Worksheet that has been finalised. (To learn more about finalisation, see Finalising Worksheets on page 57.) Once a Worksheet has been finalised, no more changes can be made to it. Only an Active library can be transferred to infusers. Only one Active library per infuser type can exist at a time in the Hospira MedNet Meds software database.

An *Archived library* is a previously Active library that has been deactivated for transfer to infusers. Archived libraries can be copied but cannot be edited or downloaded to infusers.

Unless otherwise specified (for example, "Active library"), the term *library* used alone refers to Worksheets and to both Active and Archived libraries.

Finalising is the process of converting a Worksheet into an Active library.

When adding a Worksheet, you need to set up CCA names, infuser settings, and medication entries in order to create a complete library.

You can create Worksheets and libraries in the following ways:

- By creating new, blank Worksheets
- By copying existing libraries, Archived libraries, or Worksheets
- By importing special files that Hospira MedNet Meds software is able to convert into a Worksheet

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

The Library Directory view lists the active library for each infuser type, all Worksheet libraries, and all archived libraries in the database. The following information is displayed in the Library Directory view:

Library Directory			
Field	Result		
Drug Library ID	A field automatically assigned by the system when a Worksheet is created		
Infuser Type	The Plum A+®, or the Plum360 infuser		
Drug Library ¹	The name you entered when you created the library		
Library Status	Categorised as one of the following:		
	• Worksheet		
	• Active		
	Archive		
Date Modified	The date and time the drug library was last modified		
Date Finalised ²	The date and time the drug library was finalised		
Infuser Library Version ³	The finalisation date, software version, and Drug Library ID that was assigned to the library when it was created		
Library Notes	Additional information about a drug library entered by the user		
 ¹ The library name cannot be edited after the library is created. ² This field is blank if the drug library is a Worksheet. ³ The finalisation date is represented in Greenwich Mean Time (GMT), not local time. 			

Library Directory Conventions

The Library Directory uses the following conventions:

- You may sort all columns in the Library Directory view in either ascending or descending order by clicking on the column heading.
- You may use the vertical and horizontal scroll bar(s) to scroll to an entry.
- When you highlight an entry on the Library Directory view, buttons or features that are not available appear as "greyed" or disabled.

Step-by-Step Procedures

The following section provides step-by-step procedures that enable you to manage the Library Directory. In this section you will learn how to do the following:

- Navigate to the Library Directory list view
- Create, edit, and add a note to a Worksheet
- Delete Worksheets and archived drug libraries
- View a drug library
- Copy a drug library
- Import a drug library
- Export a drug library

To navigate to the Library Directory list view, do the following:

- 1. Double-click the Hospira MedNet Meds software icon on the Windows desktop.
- 2. Enter your User ID and Password.
- **Note:** In order to log in to the application and perform the procedures in this chapter, you must have the appropriate access privileges.
 - 3. Click Log in.

The Library Directory view appears.

M Hospira Med	lNet™ Meds™								
Library Directory	ibrary Directory Medications Configuration								
Create Edit Delete View Copy Notes Export Import Log Out Help r.libraries									
Drug Library ID	Infuser Type	Drug Library	Library Status	Date Modified	Date Finalized	Infuser Library Version	Library Notes		
		~~~	*~~··~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			

**Note:** You will not see any entries in the list until you create a Worksheet or import a library.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

#### **Create a Worksheet**

1. On the Library Directory view, click Create.

rary Directory	Medications C	onfiguration					
Cre <u>a</u> te	<u>E</u> dit <u>D</u> ele	ete <u>V</u> iew Co <u>p</u> y		Notes		Export Impor	t Log Ou <u>t</u> <u>H</u> elp
Drug Library ID	Infuser Type	Drug Library	Library Status	Date Modified	Date Finalized	Infuser Library Version	Library Notes

The Create Worksheet screen appears.

Create Worksheet	×
Infuser Type: Select	
Notes	
QK Cancel Help	

- 2. From the Infuser Type drop-down list, select an infuser type.
- 3. In the **Drug Library** field, type a name for the library.
- 4. Enter a Note, if desired, for the library.
- **Note:** Your note may contain information such as "For P & T Review" or other helpful hints to keep you organised as you build the library.
  - 5. Click OK.

The Create Worksheet screen closes and your entry appears in the Library Directory view.

## **Edit a Worksheet**

- 1. On the Library Directory view, highlight a Worksheet.
- 2. Click Edit.
- 3. Make desired changes.
- 4. Click Close.

Your modification is saved and the Library Directory view displays.

# Note: Additional information on editing worksheets can be found in the infuser-specific chapters.

# **Delete a Worksheet or Archived Drug Library**

You may delete a Worksheet or Archived drug library from the Library Directory. When you delete a library, it is permanently removed from the system.

#### To delete a Worksheet or Archived drug library, do the following:

- 1. On the Library Directory view, highlight a Worksheet or Archived drug library.
- 2. Click Delete.

The Delete Library screen opens.

 $\underline{\wedge}$ 

Caution: By deleting a library, you remove it from the system permanently. You may want to ensure that your system has recently been backed up before deleting a drug library.

Infuser Type: Symbiq 3.1	Delete Library
	Infuser Type: Symbiq 3.1
Notes	Drug Library: User Guide Symbiq
	Notes
OK Cancel Help	OK Cancel Help

3. Click OK.

The Worksheet or library is permanently deleted and the Library Directory view appears.

## View a Drug Library

- 1. On the Library Directory view, highlight a drug library.
- 2. Click View.

The Drug Library Management view appears.

Note: You cannot make changes when viewing a library.

ug Library Manage	ment Reports	CCA Setud   Master									
Einalize										Close	Help
arget List:											
Select a CCA	<b>•</b>	<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emov	2		Arrange (	CCA List			Medication Entries:	
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Dosing Unit	Lower Hard Limit	Lower Soft Limit	Upper Soft Limit	Upper Hard Limit		
											-
				a							
				4							Þ
ource List: Mas	ter Drug Form	ulary <del></del>		4							Þ
ource List: Mas Master Drug Form		ulary Agd Edit	View Delete			Copy to Tar	get CCA			Medication Entries:	Þ
		- ,	View Delete Concentration (or Container Volume)	Rule Set	Dosing Unit	Copy to Tar Lower Hard Limit	get CCA	Upper Soft Limit	Upper Hard Limit	•	F
Master Drug Form Generic Name	Jary 💌	Add Edit	Concentration			Lower	Lower			•	Þ
Master Drug Form Generic Name CYCLOVIR	External ID 1701 1433	Add Edit	Concentration (or Container Volume) 500 mg / 10 mL mg /mL	Rule Set	Unit mcg/kg/hr mL/hr	Lower Hard Limit	Lower			•	
Master Drug Formu Generic Name CYCLOVIR EFAZOLIN OBUTAMINE	Liary  External ID 1701 1433 12	Add Edit Displayed Name ACYCLOVIR CEFAZOLIN DOBUTAMINE	Concentration (or Container Volume) 500 mg / 10 mL mg /mL 250 mg / 20 mL	Rule Set	Unit mcg/kg/hr mL/hr mL/hr	Lower Hard Limit	Lower Soft Limit	Soft Limit	Hard Limit	•	
Generic Name CYCLOVIR EFAZOLIN OBUTAMINE IOXYCYCLINE	Lilary  External ID 1701 1433 12 1549	Add Edit Displayed Name ACYCLOVIR CEFAZOLIN DOBUTAMINE DOXYCYCLINE	Concentration (or Container Volume) 500 mg / 10 mL mg /mL	Rule Set Full Full Full Limited	Unit mcg/kg/hr mL/hr	Lower Hard Limit	Lower			•	
Master Drug Formu Generic Name CYCLOVIR EFAZOLIN OBUTAMINE OXYCYCLINE IORPHINE	External ID 1701 1433 12 1549 2738	Add Edit Displayed Name ACYCLOVIR CEFAZOLIN DOBUTAMINE DOXYCYCLINE MORPHINE	Concentration (or Container Volume) 500 mg / 10 mL mg /mL 250 mg / 20 mL 5 mL	Rule Set Full Full Limited Label Only	Unit mcg/kg/hr mL/hr mL/hr mL/hr	Lower Hard Limit	Lower Soft Limit	Soft Limit	Hard Limit	•	
Generic Name Generic Name ICYCLOVIR JEFAZOLIN JOOBUTAMINE JOXYCYCLINE JORPHINE JORPHINE PCA	External ID 1701 1433 12 1549 2738 594	Add Edit Displayed Name ACYCLOVIR CEFAZOLIN DOBUTAMINE DOXYCYCLINE MORPHINE PCA	Concentration (or Container Volume) 500 mg / 10 mL mg /mL 250 mg / 20 mL	Rule Set Full Full Full Limited Label Only Full	Unit mcg/kg/hr mL/hr mL/hr	Lower Hard Limit	Lower Soft Limit	Soft Limit	Hard Limit	Medication Entries:	
Master Drug Formu Generic Name CYCLOVIR EFAZOLIN OBUTAMINE OXYCYCLINE IORPHINE	External ID 1701 1433 12 1549 2738	Add Edit Displayed Name ACYCLOVIR CEFAZOLIN DOBUTAMINE DOXYCYCLINE MORPHINE	Concentration (or Container Volume) 500 mg / 10 mL mg /mL 250 mg / 20 mL 5 mL	Rule Set Full Full Limited Label Only	Unit mcg/kg/hr mL/hr mL/hr mL/hr	Lower Hard Limit	Lower Soft Limit	Soft Limit	Hard Limit	Medication Entries:	

Helpful Hint: If you hover the mouse pointer over any medication entry in the Master Drug Formulary, a "tool tip" displays the medication's generic name and concentration as well as the CCAs to which it has been assigned (see below). The tool tip will disappear after 5 seconds.

Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Dosing Unit
ACYCLOVIR	1701	ACYCLOVIR	500 mg / 10 mL	Full	mcg/kg/hr
CEFAZOLIN	1433	CEFAZOLIN	mg /mL	Full	mL/hr
DOBUTAMINE	12	DOBUTAMINE	250 mg / 20 mL	Full	mL/hr
MORPHINE	2738	MORPHINE		Label Only	
MORPHINE PCA	594	MORPHINE PCA	30 mg / 30 mL	Full	mg/hr
	577	VANCOMYCIN		Label Only	
VANCOMYCIN	5//	Bivaligudin	250 mg / 50 ml		ma ka hr

3. Click Close to return to the Library Directory view.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

# Copy an Archived Library, Active Library, or Worksheet

In order to facilitate creating or updating a drug library, you may copy Active or Archived drug libraries as well as Worksheets. When you copy a drug library, all medication rule sets, infuser settings, and CCA settings are included. The copied drug library appears as a new entry on the Library Directory view.

- 1. On the Library Directory view, highlight the desired drug library entry.
- 2. Click Copy.

The Copy Library screen opens.

🗹 Copy Library 🗙 🗙
Copy From:
Infuser Type: Plum A+ 13.x
Drug Library: User Guide Plum A+
Сору То:
Infuser Type: Select
Drug Library:
_ Notes
QK <u>Cancel</u> <u>H</u> elp

3. In the **Drug Library** field, type the name of the new drug library as you wish it to appear on the Library Directory view.

**Note:** You may enter information into the **Notes** field, if needed.

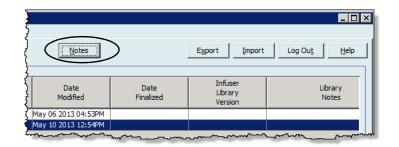
4. Click OK.

Your drug library is copied. The new Worksheet appears on the Library Directory view.

Note: Copying is allowed only between libraries for the same infuser type.

# Add or Edit Notes to a Worksheet

- 1. On the Library Directory view, highlight a Worksheet.
- 2. Click Notes.



The Notes screen opens.

Note: The Infuser Type and Drug Library fields cannot be edited.

V Notes
Infuser Type: Plum A + 13.x
Drug Library: User Guide Plum A+
_ Notes
QK <u>C</u> ancel <u>H</u> elp

- 3. Type the note or edit text in the Notes field.
- 4. Click **OK**. The note is saved and appears in the **Library Notes** field of the Library Directory.
- Note: The Notes field cannot be modified after a drug library is finalised.

#### Export an Archived Library, Active Library, or Worksheet

Note: Only users with the appropriate login privileges are able to export files.

You can export the rule sets from Worksheets, Archived libraries, and Active libraries as XML (Extensible Markup Language) files.

Note: If the exported XML file is modified, it cannot be re-imported into Hospira MedNet Meds.

You can also export a Worksheet, Archived library, or Active library as a Comma Separated (CSV) file. CSV filenames end in ".csv." The file can be used to view rule sets in Microsoft Excel.

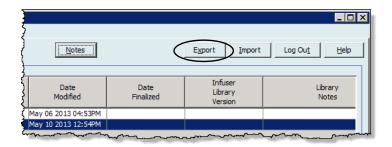
Note: Comma Separated Value files cannot be re-imported into Hospira MedNet Meds.

When exporting a Worksheet, Archived library, or Active library, only medication entries that have been assigned to CCAs will be exported; medication entries that are listed only in the Master Drug Formulary are not exported.

The Master Infuser and CCA Settings are included in exported XML files.

You may export a drug library to an external location on your network or hard drive.

- 1. On the Library Directory view, highlight the desired drug library.
- 2. Click Export.



The Export Library screen opens.

🗹 Export Library	×
Export To:	
File Name:	Browse
Export From:	
Infuser Type: Plum A+ 13.x	
Drug Library: User Guide Plum A+	
_ Notes	
<u>QK</u> <u>Cancel</u> <u>H</u> elp	

3. Click Browse.

🗹 Open					×
Look in	: 🚺 Hospira M	ledNet Meds 6.0	•	🦻 📂 🖽 •	
Recent Items Desktop My Documents	dependen	lospira MedNet(TM) Meds(TM) 6.0 Data			
	File name:				Select
Network	Files of type:	XML Files (*.xml) XML Files (*.xml)			Cancel
		Comma Separated Files (*.csv)			

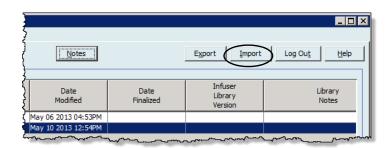
- 4. In the File Name field, type in a path and file name to use for the exported file.
- 5. Select either XML Files or Comma Separated Files (CSV) from the drop-down list.
- 6. Click OK.

The Export Library screen closes. The drug library is exported to the desired location.

# Import a Drug Library

You may import a drug library from an XML file created by Hospira MedNet Meds. When you import a drug library, it becomes a Worksheet. The software fully validates the data ranges, precision, and relationships before adding imported data to the database.

1. From the Library Directory view, click Import.



The Import Library screen opens.

M Import Library	·
Import From:	
Infuser Type:	Plum 360 15.x
File Name:	Browse
Import To:	
Infuser Type:	Plum 360 15.x 👻
Drug Library:	
Notes	
	QK Cancel Help

- 2. In the **Import From** screen area, select the **Infuser Type** that corresponds to the library you are importing.
- 3. In the **File Name** field, type in the path and file name of the drug library you wish to import.

Helpful Hint: You may search for the file name and path by clicking Browse and navigating to the desired file.

- 4. In the **Import To** screen area, select the **Infuser Type** that corresponds to the library you are importing.
- 5. In the **Drug Library** field, type in a name for the imported library, as you would like it to appear on the Library Directory view.

Note: You may enter information into the Notes field, if needed.

6. Click OK.

38

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

The Import Library screen closes and the newly imported Worksheet appears on the Library Directory view.

**Note:** A Drug Library that contains one or more Medication Entries referring to a medication which is not in the Medication List will be imported. In order for the library to be finalised, all medication entries will need to be assigned to a medication in the Medication List.

If the file you are attempting to import contains unusable data, the software displays an error message and does not import the file.



**WARNING:** If you make changes to an exported XML file, the file cannot be imported.

### Notes:

# **Chapter 6: Drug Library Management**

# Overview

The Drug Library Management view allows you to create, edit, and delete safety limits for medication entries used by the infusers. The safety limits established are then incorporated directly by the rule sets used in the drug library.

The Drug Library Management view displays when you open a Worksheet or an Active or Archived library. This view consists of two panes that display the target and source medication lists associated with individual CCAs and the Master Drug Formulary. As a CCA is created, medications that have been assigned to it will be displayed in the Target List pane at the top of the view. The complete list of medications available in the Master Drug Formulary is displayed in the Source List pane at the bottom of the view. The Master Drug Formulary is the comprehensive list of medications and rule sets defined for use in a Drug Library.

The drop-down list in each pane displays the CCAs that have been defined for the library. The active functions (buttons) available in the Drug Library Management view will vary depending on the type of library you have opened and whether or not a CCA is selected. Functions that are not available from this view will be greyed out.

🗹 Hospira MedNe	t™ Meds™ - Use	r Guide Library									_ 🗆 🗙
Drug Library Manage	ement Reports	CCA Setup   Master I	nfuser Setup								
Einalize										⊆lose	Help
											<u> </u>
Target List:											
Select a CCA	•	<u>A</u> dd <u>E</u> dit	View Remove			Arrange	CCA List			Medication Entries:	
Generic Name	External ID	<ul> <li>Displayed Name</li> </ul>	Concentration (or Container Volume)	Rule Set	Clinical Use	Dosing Unit	Lower Hard Limit	Lower Soft Limit	Upper Soft Limit	Upper Hard Limit	
										<u> </u>	
											-
,				•							▶
<b>∣</b> Source List: Ma	ster Drug Formı	ılary ———									
Master Drug Forn	nulary 🔽	Add Edit	Vie <u>w</u> Delete	1		Copy to Tar	raet CCA			Medication Entries:	19
Inductor bridgit on				1		0027 00 101	gociacin			1 Iodicación Enchosi	
Concerie Name	External ID	Disale used Name	Concentration	Rule Set	Clinical Use	Dosing	Lower	Lower	Upper	Upper	
Generic Name		Displayed Name	(or Container Volume)	Rule Set	Clinical Use	Unit	Hard Limit	Soft Limit	Soft Limit	Hard Limit	
Fentanyl	EXT_ID_046	Fentanyl	2.5 mcg / 250 mL	Full	ONCOLOGY	mcg/hr				1	
Hydromorphone	EXT_ID_054	Hydromorphone		Label Only		mL/hr					
Morphine	EXT_ID_072	Morphine		Label Only		mL/hr					
Morphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full	NOT SPECI	mg/hr		1			
No Drug Selected		No Drug Selected		Label Only		mL/hr					
		Duran Gal	100 mL	Limited	ANESTHESIA	mL/kg/min			51	100	
Propofol	EXT_ID_089	Propofol	100 mc								
	EXT_ID_089 EXT_ID_097	Proporol Vancomycin		Label Only		mL/hr					<b>_</b>
Propofol				Label Only		mL/hr					- -
Propofol						mL/hr Worksheet Mo			1 Mode: E		•

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

**Note:** The Master Drug Formulary (MDF) contains a list of all medications available for use by the CCAs in the library. The MDF list functions as a "parent" to the medication entries in the Target List.

To create and complete a drug library suitable for transfer to an infuser, you will need to:

• Define the desired CCAs.

See: Chapter 8: Setting Up CCAs on page 73

• Create the medication entries.

See: Chapter 9: Plum A+ and Plum 360 Medication Entries on page 87

• Arrange the medication list in the desired order.

See: Changing the Display Order of Medication Entries on page 46

• Define the Master Infuser setting.

See: Chapter 10: Master Infuser Set-Up on page 147

# **Drug Library Management Conventions**

The Drug Library Management view uses the following conventions:

- The fields in the Target List and Source List panes are identical.
- The list grid includes a moveable split bar located after the fourth column. The remaining columns scroll under the first three.
- The Target List and Source List panes include a read-only field that displays the total number of medications in a selected list.
- All columns are re-sizeable and may be sorted in ascending or descending order by clicking on the column header.
- The view includes a read-only bottom status bar that displays the Library Name, Infuser, Status, Modified [date], Mode, and User.
- Commas (,) inverted commas (") and angle brackets (<>) are considered invalid characters and cannot be used in a name.

# **Managing Drug Libraries**

The following procedures enable you to manage drug libraries for each infuser. The data that you see in the target and source panes will be different for each infuser and is consistent with the medication entry for the infuser.

### **Target List Procedures**

- Viewing Medication Entries in a CCA
- Removing Medication Entries from a CCA
- Changing the Display Order of Medication Entries

### Source List Procedures

- Viewing Medication Entries in the Master Drug Formulary
- Copying Medication Entries from One CCA to Another
- Deleting Medication Entries from the Master Drug Formulary

#### **General Procedures**

- Finalising Worksheets
- Closing Worksheets



**Caution:** In the case of an auto-programme, if the Hospira MedNet Software is unable to locate a matching rule set, the order will be sent to the infuser under "No Drug Selected" (infuser- and CCA-dependent) and the order data will be transmitted to the infuser. No Rule Set Limits will be available for this order. If the order is a partial auto-programme, the remaining parameters will be manually programmed. See the specific infuser operating manual for additional information.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

### **Viewing Medication Entries in a CCA**

- 1. From the Library Directory view, highlight a Worksheet.
- 2. Click Edit or View.

The Drug Library Management view opens.

3. From the Target List, select the CCA containing the medication entry you want to view.

	🗹 Hospira MedNet	[™] Meds™ - Plur	n 15 User Guide	
	Drug Library Managen	ent Reports	CCA Setup 🛛 Master Ir	nfuser Setup
3	Einalize			
	Target List: 5 Wes	st ———		
	5 West	<b>Y</b>	<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emove
	Generic Name	External ID	A Displayed Name	Concentration (or Container Volume)
	Epinephrine	EXT_ID_039	Epinephrine	50 mg / 250 mL
	Furosemide	EXT_ID_050	Furosemide	400 mcg / 100 mL
4	Heparin	EXT_ID_053	Heparin	25000 Units / 250 mL
	Insulin	EXT_ID_056	Insulin	250 Units / 250 mL
	Morphine	EXT_ID_072	Morphine	
	No Drug Selected		No Drug Selected	
	Vancomycin	EXT ID 097	⊻ancomycin	

- 4. Select the medication entry.
- 5. From the Target List, click View.
- 6. When you have finished viewing the medication entry, click Close.

Target List: View Rule Set			×
Generic Name	(External ID) (Strength / Volume)	{Dosage Form}:	
			Select
Displayed Name:	Therapeutic Class:	Class I	D:
Heparin			
Summary: Heparin 25000 ur	nits / 250 mL Dosed in units/hr		
Rule Sets:			
Full			
Concentration			
Medication Amount: Medication Unit	t: Diluent Amount: mL		
25000 units	▼ 250		
Dose Rate Limits			
Dosing Unit: LHL:	LSL:	USL:	UHL:
units/hr 🔽 100	500 100	1 00	15000
<u> </u>			
	Class U.s.h		
	<u>Close</u> <u>H</u> elp		

#### **Removing Medication Entries from a CCA**

- **Note:** Only users with the appropriate login privileges are able to add and remove medication entries from CCAs.
  - 1. From the Library Directory view, open a Worksheet for editing.
  - 2. From the Target List, select the CCA containing the medication entry you want to remove.

	V	Hospira MedNet™	Meds™ - Use	r Guide Plum A+		ł					
	D	rug Library Manageme	nt Reports (	CCA Setup   Master Ir	nfuser Setup	1					
2		<u>F</u> inalize				}					
	Target List: 5 West										
	5 West <u>A</u> dd <u>E</u> dit <u>V</u> iew <u>Remove</u>										
		Generic Name	External ID	Displayed Name	Concentration (or Container Volume)						
		No Drug Selected		No Drug Selected		Lar					
3				Furosemide	400 mg / 100 mL	Fu					
				Heparin	25000 units / 250 mL	Fy					
				Insulin	250 units / 250 mL	स्त्राज्यास्त्र					
				0.9% Normal Saline		La					
				Bivalirudin	250 mg / 50 mL	Fu					
				Epinephrine	50 mg / 250 mL	F6					
				Insulin	1 units / 1 mL	Fy					

- 3. Select the medication entry to remove.
- 4. From the Target List, click **Remove**.
- 5. At Confirm Remove from CCA, click Remove.

Confirm Remove from CCA	×
Remove from: 5 West	
Medication Entries	
Furosemide 400 mg / 100 mL	
Remove Cancel Help	

**Note:** You can delete one medication at a time from the Master Drug Formulary or you can delete several at a time by highlighting them, using the shift key or control key, and deleting them.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

## **Changing the Display Order of Medication Entries**

- **Note:** Only users with the appropriate login privileges are able to change the display order of medication entries.
- **Important:** The order in which the medications appear in the target list panel may not be the order in which the medications will appear on the infuser.

#### To change or view the order in which medication entries are displayed:

- 1. From the Target List, select a CCA.
- 2. Click Arrange CCA List.

rug Library Managen	nent Reports	CCA Setup   Master Ir	nfuser Setup				
Einalize							
Target List: 5 We	st						
5 West	<b>•</b>	<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emove		$\langle$	Arrange	CCA List
Generic Name	External ID	A Displayed Name	Concentration (or Container Volume)	Rule Set	Clinical Use	Dosing Unit	Lower Hard Lim
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full	NOT SPECI	mcg/kg/hr	1
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full	NOT SPECI	mL/hr	5
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full	CARDIAC	mL/hr	1
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full	NOT SPECI	mL/hr	1
DOPamine	EXT_ID_037	DOPamine	mL	Limited	NOT SPECI	mL/hr	10
Epinephrine	EXT_ID_039	Epinephrine	50 mg / 250 mL	Full	NOT SPECI	mcg/min	
Hydromorphone	EXT_ID_054	Hydromorphone		Label Only		mL/hr	
Insulin	EXT_ID_056	Insulin	250 Units / 250 mL	Full	NOT SPECI	units/hr	0.25
				الولعلممانحي			

3. Select the medication entry you want to move.

Helpful Hint: You can select multiple medications to move by highlighting them.

4. Click Move Up or Move Down to position the selected medication entries.

CA: 5 West Sort by: -								$\langle$	Move Up	Move <u>D</u> own
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Clinical Use	Dosing Unit	Lower Hard Limit	Lower Soft Limit	Upper Soft Limit	Upper Hard Limit
No Drug Selected		No Drug Selected		Label Only		mL/hr				· · · · · · · · · · · · · · · · · · ·
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full	NOT SPECI	mcg/kg/hr	1			
Tefazolin	EXT_ID_018	Cefazolin	mg /mL	Full	NOT SPECI	mL/hr	5			
)OBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full	CARDIAC	mL/hr	1			
OOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full	NOT SPECI	mL/hr	1			
OPamine	EXT_ID_037	DOPamine	mL	Limited	NOT SPECI	mL/hr	10			
Hydromorphone	EXT_ID_054	Hydromorphone		Label Only		mL/hr				
1orphine	EXT_ID_072	Morphine		Label Only		mL/hr				
4orphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full	NOT SPECI	mg/hr		1		
/ancomycin	EXT_ID_097	Vancomycin		Label Only		mL/hr				
insulin	EXT_ID_056	Insulin	250 Units / 250 mL	Full	NOT SPECI	units/hr	0.25	1		
pinephrine	EXT_ID_039	Epinephrine	50 mg / 250 mL	Full	NOT SPECI	mcg/min			0.4	
leparin	EXT_ID_053	Heparin	25000 Units / 250 mL	Full	NOT SPECI	units/hr	100	500	10000	15000
very and		h okan i			pro concerni	mr. manf i r				×

5. Repeat for all medication entries as needed.

#### 6. Click Save.

Medication entries newly added to a CCA are placed at the bottom of the assigned medications list.

Hospira MedNet Meds Software User Guide Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

#### Sorting the medication entries within a CCA:

- 1. From the Library Directory view, open a Worksheet for editing.
- 2. On the Drug Library Management view, select a CCA from the Target List.
- 3. Click Arrange CCA List.

🛃 Hospira MedNet"	Meds™ - User	Guide Library					:		
rug Library Management Reports CCA Setup Master Infuser Setup									
Einalize									
Target List: 5 Wes	:t								
5 West									
Generic Name	External ID	A Displayed Name	Concentration (or Container Volume)	Rule Set	Clinical Use	Dosing Unit	Lower Hard Limit		
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full	NOT SPECI	mcg/kg/hr	1		
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full	NOT SPECI	mL/hr	5		
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full	CARDIAC	mL/hr	1		
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full	NOT SPECI	mL/hr	1		
DOPamine	EXT_ID_037	DOPamine	mL	Limited	NOT SPECI	mL/hr	10		
Epinephrine	EXT_ID_039	Epinephrine	50 mg / 250 mL	Full	NOT SPECI	mcg/min			
Hydromorphone	EXT_ID_054	Hydromorphone		Label Only		mL/hr			
Insulin	EXT_ID_056	Insulin	250 Units / 250 mL	Full	NOT SPECI	units/hr	0.25		
Marabiae	EXT ID 072~	Morphine		Labelson		althr			

4. On the pop-up that appears, from the **Sort By** list, select the primary sorting criteria from the list. The selection will vary according to the infuser.

শ	Arrange CCA Medication Entry List									
	CCA: !	5 West				Ś				
So	rt by:	None	•	Then b	y: None	Sor <u>t</u> by:				
_	CCA Me	None			,	;				
		Generic Name								
	Ge	External ID Displayed Name		rnal ID	Displayed Name	Concentration { (or Container Volum)				
	No Dru	Rule Set			No Drug Selected	}				
	Furose	Dosing Unit		_050	Furosemide	400 mg /mL 🚶				
	Hepari	Lower Hard Limit		_053	Heparin	25000 units / 250 mL 🕽				
	Insulin	Lower Soft Limit	-	_056	Insulin	250 units / 100 mL				
	Morph		T_IC	072	Morphine					

- 5. From the **Then By** list, select the secondary sorting criteria, if desired.
- 6. Click Sort by.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

For Plum versions that support 40 CCAs, the **Sort By** button gives you the option to sort by the Displayed Name in either ascending or descending order. Medication entries with the same Displayed Name will remain together. (See the Hospira MedNet Software Device Compatibility Matrix to determine the availability of the Plum version(s). The matrix is available through your Advanced Knowledge Centre.)

	🖞 Arrange CCA Med	lication Entry l	.ist						
	CCA: 5 West					ļ			
	Sort by: 👻					}			
	Displayed N	A Displayed Name in ascending order							
	Z Z A Displayed Name in descending order			ed Name	Concentration (or Container Volume)	Rule Set			
	Last saved (	order			500 mcg / 10 mL	Full			
	Cerazoiin	EX1_10_010	cerazoin		mg /mL	Full			
	DOBUTamine	EXT_ID_035	DOBUTar	nine	250 mcg / 20 mL	Full 🔇			
	No Drug Selected		No Drug :	5elected		Label Only			
Will stay grouped	DOPamine	EXT_ID_037	DOPamin	e	200 mg / 5 mL	Full			
	DOPamine	EXT_ID_037	DOPamin	е	mL	Limited			
	Hydromorphone	EXT_ID_054	Hydromo	rphone		Label Only			
Will stay grouped	Morphine	EXT_ID_072	Morphine			Label Only			
	Morphine	EXT_ID_072	Morphine	PCA	30 mg / 30 mL	Full			
Ļ	Vanconxcin	EXT_ID_097~	L Yancomy	cin		Habel Only f			

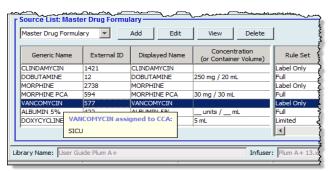
# Viewing Medication Entries in the Master Drug Formulary

#### To view a medication entry in the Master Drug Formulary:

1. Select Master Drug Formulary as the source location.

Source List: Mast		A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete	<b>_</b>				
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set				
CLINDAMYCIN	1421	CLINDAMYCIN		Label Only				
DOBUTAMINE	12	DOBUTAMINE	250 mg / 20 mL	Full				
MORPHINE	2738	MORPHINE		Label Only				
MORPHINE PCA	594	MORPHINE PCA	30 mg / 30 mL	Full				
VANCOMYCIN	577	VANCOMYCIN		Label Only				
ALBUMIN 5%	422	ALBUMIN 5%	units / mL	Full				
DOXYCYCLINE	1549	DOXYCYCLINE	5 mL	Limited				
,				◄				
ibrary Name: User Guide Plum A+ Infuser: Plum A+ 13.x								

Helpful Hint: If you hover your mouse pointer over any medication entry in the Master Drug Formulary, a "tool tip" displays the medication's generic name and concentration as well as the CCAs to which it has been assigned. The tool tip will disappear after 5 seconds.



- 2. Select the medication entry you want to view.
- 3. From the Source List, click View. The Source List: View Rule Set screen displays.

ource List: View Rule Set			
Generic Name (E	External ID) (Strength / Volume) {	Dosage Form}:	
ANCOMYCIN (577) (500 MG / 10 ML) {VIAL}			Select
Displayed Name:	Therapeutic Class:	Class ID:	
ANCOMYCIN			
Summary: VANCOMYCIN			
Rule Sets:			
abel Only			
	<u>Close</u> <u>H</u> elp		

4. When you have finished viewing, click Close.

Helpful Hint: If you are viewing an Active or Archived library, you may also double-click the medication entry to view it.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

#### Keeping or Clearing Rule Sets for Medication Entries

- 1. Highlight a medication entry with existing rule sets, in either the Source List Master Drug Formulary or Target List.
- 2. Click Edit.

Ing Likrary Management Reports CCA Setup Master Infuser Setup  Target List: Select a CCA	M			Hospira Me	dNet™ Mec	ls™ - Plum I	Bolus Library				-	D X
Target List:       Add       Edit       Wew       Arrange CCA List       Medication Entries:         Select a CCA <ul> <li>Add</li> <li>Edit</li> <li>Wew</li> <li>Remove</li> <li>Arrange CCA List</li> <li>Medication Entries:</li> <li>Generic Name</li> <li>External ID</li> <li>Displayed Name</li> <li>(or Container Volume)</li> <li>Rule Set</li> <li>Clinical Use</li> <li>Dosing</li> <li>Lower</li> <li>Lower</li> <li>Lower</li> <li>Upper</li> <li>Upper</li> <li>Upper</li> <li>Soft Limit</li> <li>Soft Limit</li> <li>Soft Limit</li> <li>Soft Limit</li> <li>Hard Limit</li> <li>Soft Limit</li> <li>Hard Limit</li> <li>Soft Limit</li> <li>Medication Entries:</li> <li></li> <li></li></ul>	Drug Library Managem	ent Reports (	CCA Setup   Master Ir	nfuser Setup								
Select a CCA     Add     Edit     Wew     Arrange CCA List     Medication Entries:       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Upper     Upper       Soft Limit     Soft Limit     Soft Limit     Soft Limit     Soft Limit     Hard Limit        Soft Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Upper     Upper       Soft Container Volume)     Concentration     Concentration     Rule Set     Clinical Use     Dosing     Lower     Upper       Soft Container Volume)     Concentration     Concentration     Medication Entries:     S       Soft Concentration     Concentration     Concentration     Medication Entries:     S       Soft Concentration     Concentration     Medication Entries:     S       Soft Concentration     Concentration     Medication Entries:     S       Soft Concentration     Rule Set     Clinical Use     Dosing     Hord Limit       Add     Edit     View     Delete     Concentration     Soft Limit     Soft Limit       Addurin     Soft Minit     Soft Limit     Soft Limit     Soft Limit     Soft Limit	Einalize										Close	<u>H</u> elp
Select a CCA     Add     Edit     Yew     Remove     Arrange CCA List     Medication Entries:       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clnical Use     Dosing     Lower     Upper     Upper       Soft Limit     Soft Limit     Soft Limit     Soft Limit     Hard Limit     Image: Concentration     Image: Concentration     Image: Concentration       Soft Concentration     Concentration     Concentration     Concentration     Image: Concentration     Image: Concentration       Soft Concentration     Concentration     Concentration     Concentration     Image: Concentration     Image: Concentration       Master Drug Formulary     Add     Edit     View     Delete     Copy to Target CCA     Medication Entries:     S       Sone Rate Limits     Bolus Limits     Edit     View     Delete     Copy to Target CCA     Medication Entries:     S       Sone Rate Limits     Bolus Limits     Concentration     Rule Set     Clinical Use     Dosing     Lower     Upper       Addumin     Sont     Not SPECL, Incl./m     Dosing     Lower     Upper     Lower     Upper       Anotarone     External ID     Dosing / 250 mL     Full     Not SPE	r Target List:											
Generic Name       External ID       Displayed Name       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing Unit       Lower       Lower       Upper       Upper         Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Source List: Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Ose Rate Limits       Bolus Limits       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing Lower       Lower       Upper       Upper       V         Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Dose Rate Limits       Bolus Limits       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing Lower       Lower       Upper       Upper       Upper       Upper       Upper       Upper       Pardumi       SoftLimit       SoftLimit       SoftLimit       SoftLimit       SoftLimit       SoftLimit       SoftLimit       Lower       Lower       Lower       Lower       Lower       Lower       Lower       Lower       Lower       Lowe	-	¥	<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emove			Arrange CO	CA List		м	ledication Entrie	:s:
Generic Name       External ID       Displayed Name       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing Unit       Lower       Lower       Upper       Upper         Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Source List: Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Ose Rate Limits       Bolus Limits       Generic Name       External ID       Displayed Name       Cultical Use       Dosing       Lower       Upper       Upper       V         Master Drug Formulary       Add       Edt       Hery       Delete       Copy to Target CCA       Medication Entries:       5         Dose Rate Limits       Bolus Limits       Generic Name       External ID       Displayed Name       (or Container Volume)       Rule Set       Clinical Use       Dosing       Lower       Upper       Upper       Hard Limit       Soft Limit       Soft Limit       Herd Limit       Soft Limit       Soft Limit       Limit       Soft Limit	Dose Rate Limits	Bolus Limits										
Source List: Master Drug Formulary     Add     Edit     View     Delete     Cogy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Unit     Hard Limit     Soft Limit     Soft Limit     Hard Limit     Soft Limit     Soft Limit     Hard Limit     Soft Limit     Soft Limit     Hard Limit     Soft Limit     Hard Limit     Soft Limit     Soft Limit     Hard Limit     Full     NOT SPECL     mu/hr     Hard Limit     Soft Limit     Soft Limit     Hard Limit     Full     NOT SPECL     Master Drug Seeted     Full     NOT SPECL     Master SPECL     Master SPECL     Not SPECL			Displayed Name		Rule Set	Clinical Use						
Source List: Master Drug Formulary     Add     Edit     View     Delete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper     Hard Limit     Soft Limit     Hard Limit     Soft Limit     Hard Limit     Hard Limit     Find     Hard Limit     Find     Fin												^
Source List: Master Drug Formulary     Add     Edit     View     Delete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Upper     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_009     Amiodarone     450 mg / 250 mL     Full     NOT SPECI     mg/nin     1     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     Sond     Imited     V     V												
Source List: Master Drug Formulary     Add     Edit     View     Delete     Cogy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper     Hard Limit     Soft Limit     Hard Limit     Hard Limit     Soft Limit     Hard Limit     Hard Limit     Full     NOT SPECI     mL/hr     999     Imited     Imited     NOT SPECI     Mc/hr     999     ImitedImited     NOT SPECI     Mc/hr     Imited     Port SPECI     Mc/hr     ImitedPort SPECI     ImitedPort SPECI     ImitedPort SPECI     Mc/hr     ImitedPort SPECI     ImitedPort SPECI <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
Source List: Master Drug Formulary     Agd     Edit     View     Dejete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_004     Fentanyl     250 mL     Full     NOT SPECI     mg/nin     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     V     V     V     V												
Source List: Master Drug Formulary     Agd     Edit     View     Dejete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_004     Fentanyl     250 mL     Full     NOT SPECI     mg/nin     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     V     V     V     V												
Source List: Master Drug Formulary     Agd     Edit     View     Dejete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_004     Fentanyl     250 mL     Full     NOT SPECI     mg/nin     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     V     V     V     V												
Source List: Master Drug Formulary     Agd     Edit     View     Dejete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_004     Fentanyl     250 mL     Full     NOT SPECI     mg/nin     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     V     V     V     V												
Source List: Master Drug Formulary     Agd     Edit     View     Dejete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper       Albumin     EXT_ID_003     Albumin     50 mL     Limited     NOT SPECI     mL/hr     999     Imited     999       Amiodarone     EXT_ID_004     Fentanyl     250 mL     Full     NOT SPECI     mg/nin     Imited     Imited     V       No Drug Selected     No Drug Selected     No Drug Selected     V     V     V     V												
Source List: Master Drug Formulary     Add     Edit     View     Delete     Copy to Target CCA     Medication Entries:     5       Dose Rate Limits     Bolus Limits     Generic Name     External ID     Displayed Name     Concentration (or Container Volume)     Rule Set     Clinical Use     Dosing     Lower     Lower     Upper     Upper     Hard Limit     Soft Limit     Hard Limit     Fard Limit     <												
Master Drug Formulary       Add       Edit       View       Delete       Copy to Target CCA       Medication Entries:       5         Dose Rate Limits       Bolus Limits					<							>
Master Drug Formulary       Add       Edit       View       Delete       Copy to Target CCA       Medication Entries:       5         Dose Rate Limits       Bolus Limits	- Source List: Maste	ar Drug Formu	larv									
Dose Rate Limits       Bolus Limits         Generic Name       External ID       Displayed Name       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing       Lower       Lower       Upper       Hard Limit       Soft Limit       Soft Limit       Hard Limit       Soft Limit       Hard Limit       Soft Limit       Hard Limit       Hard Limit       Soft Limit       Hard Limit <td< th=""><th></th><th></th><th></th><th>View Delete</th><th>1</th><th></th><th>Conv to Taro</th><th>et CCA</th><th></th><th>N</th><th>ledication Entrie</th><th>e. 5</th></td<>				View Delete	1		Conv to Taro	et CCA		N	ledication Entrie	e. 5
Generic Name       External ID       Displayed Name       Concentration (or Container Volume)       Rule Set       Clinical Use       Dosing Unit       Lower Hard Limit       Lower Soft Limit       Upper Soft Limit       Upper Hard Limit       Upper Soft Limit       Upper Soft Limit       Upper Hard Limit       Upper Soft Limit       Upper Hard Limit       Upper Soft Limit       Upper Hard Limit       Upper Soft Limit       Upper Soft Limit       Upper Soft Limit       Upper Hard Limit       Upper Soft Limit       Upper Soft Limit       Upper Soft Limit       Upper Soft Limit       Upper Soft Limit       Upper So				NICH DEICH			copy to raig	croon				.3. 5
Generic Name       External ID       Displayed Name       (or Container Volume)       Rule Set       Clinical Use       Unit       Hard Limit       Soft Limit       Soft Limit       Hard Limit         Albumin       EXT_ID_003       Albumin       50 mL       Limited       NOT SPECI mL/hr       999         Amiodarone       EXT_ID_009       Amiodarone       450 mg / 250 mL       Full       NOT SPECI mg/min       1         Ro Drug Selected       No Drug Selected       No Drug Selected       Imited       NOT SPECI mcg       4       Imited       V	Dose Rate Limits	Bolus Limits										
Amiodarone         EXT_ID_009         Amiodarone         450 mg / 250 mL         Full         NOT SPECI mg/min         1           Fentanyl         EXT_ID_046         Fentanyl         250 mcg / 5 mL         Full         NOT SPECI mg/min         1           No Drug Selected         No Drug Selected         Label Only	Generic Name	External ID	Displayed Name		Rule Set	Clinical Use						
No Drug Selected No Drug Selected Label Only											999	^
No Drug Selected No Drug Selected Label Only										1		=
		EXI_ID_046		250 mcg / 5 mL		NOT SPECI	mcg		4			
	no Drug Selected		ino Drug Selected	<u> </u>								
prary Name: Plum Bolus Library Infuser: Plum 360 15, 1x Status: Worksheet Modified: Dec 16 2015 05:10PM Mode: Edit User: mednet_admin	Library Name: Plum Bo	lus Library		Infuser: Plur	n 360 15.1x	Status: W	orksheet Modif	ied: Dec 16 20	015 05:10PM	Mode: Edi	it User: med	Inet_admin

The selected medication entry displays with its rule sets.

#### 3. Click Select.

	Source List: Edit	Rule Set	X
r Medication and Concentration			
Gene	ric Name (External ID) (Strengt	n / Volume) {Dosage F	orm}:
Amiodarone (EXT_ID_009) {Description_3_Ind	ude}		Select
Displayed Name:	Therapeutic Class:	Class I	D:
Amiodarone	Class_Descr_09	class_09	
Summary: Amiodarone 450 r	ng / 250 mL for Clinical Use "_	" Dosed in mg/mi	n
Rule Sets: Full 🗸			
Concentration			
Medication Amount: Medication Unit:	Diluent Amount: mL		Piggyback delivery allowed
450 mg	√ 250		Allow piggyback to interrupt this infusion
If the Clinical Use is blank, it will be updated with	the value in the Default Clinical Use	: from the Master Infus	ser Setup.
Dosing Unit: LHL:	LSL:	USL:	UHL:
mg/min 🗸	1		
	Save & Close Cance	Help	

At this point, you will be able to either apply the current Rule Set to another medication or select the medication highlighted and clear its current Rule Set.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- 4. If you click Select Medication and CLEAR Current Rule Set, a confirmation message displays: Rule set will be reset to default values.
- 5. Click **OK** and the medication entry selected displays but the rule set fields are now empty.
- 6. You can now fill in the new rule set and then click **Save and Close** when satisfied or click **Cancel**.

M		Select a	Medicatio	on			x
All Medications	ng with	$\supset$					
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form		
Amiodarone	Amiodarone	EXT_ID_009			code_3		
Amphotericin B	Amphotericin B	EXT_ID_010			code_4		
Ampicillin	Ampicillin	EXT_ID_011			code_5		
Atracurium	Atracurium	EXT_ID_012			code_6		
Azithromycin	Azithromycin	EXT_ID_013			code_1		=
Bleomycin	Bleomycin	EXT_ID_014			code_2		
Selected Medication Generic Na Amiodarone (EXT_ID_009) Displayed Name: Amiodaron		/ Volume) {Dosage F	form}:				
Select Med	ication and KEEP Current Rul	e Set Select Me	dication and	CLEAR Cu	rrent Rule Set	Cancel Help	

- 7. If you want to keep the rule set of the medication entry highlighted but want to apply that rule set to another medication:
  - Highlight the "new" medication entry
- Helpful Hint: To select the medication, you can use the scroll bar or type the first letter(s) of the medication or the entire name next to Show generic names beginning with. You can also find the medication by external ID if you use the drop-down button and select to show the medication using the External ID, then entering the External ID.
  - Click Select Medication and KEEP Current Rule Set

A confirmation message displays: Review rule set values before saving this rule set.

- 8. Click OK.
- 9. The new entry displays. Click **Save and Close** if the entry is to your satisfaction. If not, click **Cancel**.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

#### **Copying Medication Entries to one or more CCAs**

1. Select the target CCA to which you want to copy a medication entry.

😴 Hospira MedNet™ Meds	s™ - User	Guide Plu	m A+	Ş
Drug Library Management	leports   C	CA Setup	Master I	nfuser Setup
Einalize				
Target List:				5
Select a CCA	<b>T</b>	Add	Edit	View
Select a CCA				1
SICU MICU	al ID	Displayed	d Name	Concent (or Contain)
cv				
ER				{
5 West	-		~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

2. Select the Master Drug Formulary or Source CCA from which you want to copy a medication entry (either the Master Drug Formulary or another CCA).

	Master Drug Formu	lary 💌	A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete			Copy to Tar	get CCA
	Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Dosing Unit	Lower Hard Limit	Lower Soft Lim
	CLINDAMYCIN	1421	CLINDAMYCIN		Label Only			
L	DOBUTAMINE	12	DOBUTAMINE	250 mg / 20 mL	Full	mL/hr	1	
I	MORPHINE	2738	MORPHINE		Label Only			
L	MORPHINE PCA	594	MORPHINE PCA	30 mg / 30 mL	Full	mg/hr		1
L	ANCOMYCIN	577	VANCOMYCIN		Label Only			
I	ALBUMIN 5%	422	ALBUMIN 5%	units /mL	Full	mL/hr		
I	DOXYCYCLINE	1549	DOXYCYCLINE	5 mL	Limited	mL/hr	1	2
			1	1	1			1

- 3. Select the medication entries you want to copy from the source CCA.
- **Helpful Hint:** You may select multiple entries by clicking the first medication entry you want to copy, and holding the shift key while clicking the last medication entry you want to copy. Add or remove medications from the group you have selected by using the Control key.
  - 4. Click Copy to Target CCA.

	A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete	]	$\sim$	Copy to Tar	gel CCA
External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Dosing Unit	Lower Hard Limit	Lower Soft Limi
21	CLINDAMYCIN		Label Only			
	DOBUTAMINE	250 mg / 20 mL	Full	mL/hr	1	
38	MORPHINE		Label Only			
4	MORPHINE PCA	30 mg / 30 mL	Full	mg/hr		1
7	VANCOMYCIN		Label Only			
2	ALBUMIN 5%	units /mL	Full	mL/hr		
49	DOXYCYCLINE	5 mL	Limited	mL/hr	1	2
			1			1
	21 38 4 7 2	21 CLINDAMYCIN DOBUTAMINE 38 MORPHINE 4 MORPHINE PCA 7 VANCOMYCIN 2 ALBUMIN 5%	Displayed Name         (or Container Volume)           21         CLINDAMYCIN           DOBUTAMINE         250 mg / 20 mL           38         MORPHINE           4         MORPHINE PCA           7         VANCOMYCIN           2         ALBUMIN 5%	Displayed Name         (or Container Volume)         Rule Set           21         CLINDAMYCIN         Label Only           DOBUTAMINE         250 mg / 20 mL         Full           38         MORPHINE         Label Only           4         MORPHINE PCA         30 mg / 30 mL           7         VANCOMYCIN         Label Only           22         ALBUMIN 5%        units /mL	External ID         Displayed Name         (or Container Volume)         Rule Set         Unit           21         CLINDAMYCIN         Label Only         Label Only	External ID         Displayed Name         (or Container Volume)         Rule Set         Unit         Hard Limit           21         CLINDAMYCIN         Label Only         Label Only         Image: Contract of the set of

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

5. Verify you have selected the correct medication entries.

Confirm Copy to CCA
Copy from: Master Drug Formulary
Copy to: ER
Medication Entries
DOBUTAMINE 250 mg / 20 mL
Copy Cancel Help

- 6. Click Copy to copy the selected medication entries to the target CCA.
- **Note:** The maximum number of medication entries in a CCA is 150 for the Plum A+. For certain Plum infusers licenced for Drug Library Size Level 2, a CCA can contain up to 400 medication entries. (See the Hospira MedNet Software Device Compatibility Matrix to determine the availability of the Plum version. The matrix is available through the Advanced Knowledge Centre.)
- **Note:** Duplicate or conflicting medication entries cannot be copied.

# **Deleting Medication Entries from the Master Drug Formulary**

**Note:** Deleted medication entries are permanently removed from the Master Drug Formulary and from all CCAs in which they appear.

Only users with the appropriate login privileges are able to delete medication entries from the Master Drug Formulary.

1. Select Master Drug Formulary as the Source List.

Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set
CLINDAMYCIN	1421	CLINDAMYCIN		Label Only
DOBUTAMINE	12	DOBUTAMINE	250 mg / 20 mL	Full
MORPHINE	2738	MORPHINE		Label Only
MORPHINE PCA	594	MORPHINE PCA	30 mg / 30 mL	Full
VANCOMYCIN	577	VANCOMYCIN		Label Only
ALBUMIN 5%	422	ALBUMIN 5%	units /mL	Full
DOXYCYCLINE	1549	DOXYCYCLINE	5 mL	Limited
	1			

- 2. From the Source List, select the medication entry you want to delete.
- 3. Click Delete.
- 4. From the Source List: Delete Rule Set window, click Delete.

Source List: Delete Rule Set			×
Generic Name (	External ID) (Strength / Volume) {[	losage Form}:	
VANCOMYCIN (577) (500 MG / 10 ML) {VIAL}			<u>S</u> elect
Displayed Name:	Therapeutic Class:	Class ID:	_
VANCOMYCIN		ļ	
Summary: VANCOMYCIN			
Rule Sets:			
Label Only			
	elete <u>C</u> ancel <u>H</u> elp		

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

5. A confirmation message displays listing all affected CCAs. Click **OK** to permanently remove the selected medication entry from the Master Drug Formulary and all CCAs in which it appears.

V Delete Medication
Deleting this medication entry will remove it from the master formulary as well as from the following CCAs: SICU
QK

**Note:** You cannot delete the "No Drug Selected" entry from a Plum A+® Master Drug Formulary, or any CCA.

#### Finalising Worksheets

**Note:** Before finalising a Worksheet, we recommend that a qualified person such as a hospital pharmacist or a multidisciplinary committee of clinicians review the drug library for accuracy, per hospital policy.

Only users with the appropriate login privileges are able to finalise a Worksheet.

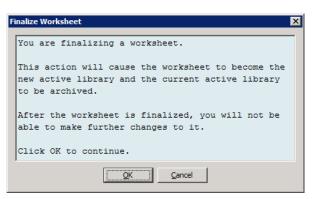
Certificates are required in order to finalise drug libraries.

#### To finalise a Worksheet:

- **Note:** The Generic Name and External ID of a medication entry must be present in the Master Drug Formulary for the Worksheet to be finalised.
  - 1. From the Drug Library Management view, click Finalise.

9	Hospira MedNet™	Meds™ - User	r Guide Plum A+						
D	rug Library Manageme	ent Reports C	CCA Setup   Master Ir	nfuser Setup					
$\left( \right)$	Finalize								
Г	r Target List: 2 North								
	2 North Add Edit View Remove								
	Generic Name	External ID	Displayed Name	Concentration (or Container Volume)					
	No Drug Selected		No Drug Selected						
	ACYCLOVIR	1701	ACYCLOVIR	500 mg / 10 mL					
	CEFAZOLIN	1433	CEFAZOLIN	mg /mL					
	CLINDAMYCIN	1421	CLINDAMYCIN						
	DOBUTAMINE	12	DOBUTAMINE	250 mg / 20 mL					
	MORPHINE	2738	MORPHINE						
	MORPHINE PCA	594	MORPHINE PCA	30 mg / 30 mL					
_	VANCOMICIN	577	HANGOMYCIN	han manager					

- Note: Once the finalisation process begins, it cannot be stopped or undone.
  - 2. Click **OK** to finalise the Worksheet.



3. A progress bar appears briefly.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

**Important:** If your network connection is lost during the finalisation process, copy the library that was being finalised, and then finalise the library.

- **Note:** Finalisation may require several minutes for large libraries. A message may display if the library does not finalise successfully within 20 minutes.
  - 4. A pop-up confirms that the Worksheet has been finalised successfully.



5. Click OK.

The Date Finalised displays in the Library Directory.

## **Closing Worksheets**

#### To close a Worksheet:

From the Drug Library Management view, click Close.
 You will be returned to the Library Directory view.

Note: When you close a worksheet, that worksheet is saved.

# **Chapter 7: Hospira MedNet Meds Reports**

# **Overview**

The Hospira MedNet Meds Reports view allows you to create and print reports on drug libraries for the Plum A+ and Plum 360 infusers. For individual report details, refer to the report by name later in this chapter.

**Note:** For information about the Hospira MedNet Software reports, see **Chapter 16: Reports** in the Hospira MedNet Software User Guide.

# **Report Conventions**

The following conventions are common to all reports:

- Users with the appropriate login privileges have access to the Reports View.
- Drop-down lists display all valid selections.
- Fields appear blank when no data is available.

# **Report Details**

Reports may span multiple pages and are navigable using the vertical and horizontal scroll bars.

All Drug Library reports display the following information:

	Plum A+/Plum 360
Field	Description
Drug Library	The name of the drug library or Worksheet
Infuser Type	The type of infuser
Date Finalised	The date or time when the Active library or Archive was finalised (not available for Worksheets)
Library State	The state of the library: Active, Archive, or Worksheet

Additional details will vary depending on the infuser you select, as described later in this chapter.

**Note:** The structure of reports from Hospira MedNet Meds cannot be altered or configured by the user.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

#### To display the Reports page:

- 1. Open a Worksheet or library. (For instructions on opening a Worksheet or library, see **Chapter 5: The Library Directory** on page 27.)
- 2. Click the **Reports** tab.

M Hospira MedNet™ Me	eds™ - Us	er Guide		
Drug Library Management	Reports	CCA Setup	Master Infuser Setup	:
Choose a report	•			
Report Output				
	<b></b>	~		

3. Select a report from the Choose a report drop-down list.

The report selection will vary depending on the infuser, as described further in this chapter.

M Hospira MedNet™ Meds™ - Us	er Guide	
Drug Library Management Reports	CCA Setup	Master Infuser Setup
Choose a report 👻		
Choose a report		
Drug Library		
CCA Drug Library		i
Master Infuser & CCA Settings		)
		í
		5
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Plum A+ Drug Library Reports

The following reports are available for the Plum A+ infuser:

- Drug Library
- CCA Drug Library
- Master Infuser & CCA Settings

Plum 360 Drug Library

This report displays detailed information on all medications in the Plum 360 Master Drug Formulary.

	eds™ - Plum User Guid Reports CCA Setup I	and the second	ue l										
Ubrary Management		Master Infuser bei	tup									we to File	
ort Output											Brink Sa	ve co Hae	lose
An Vapa													
Next Last													
	Drug Library			Infuser	Туре		Date	Finali	zed			Library State	
Plum User Guide I	Library		Plum A+			N/A					Worksheet		
Generic Name	Displayed Name	Concentrat Container V		Rule Sets	Clinical Use	Dosing Unit	LHL	LSL	USL	UHL	External ID	Therapeutic Class	Class ID
Acyclovir	Acyclovir	500 mcg / 10	mL	Full	NOT SPECIFIED	mcg/kg/hr	1				EXT_ID_002	Class_Descr_02	class_02
Piggyback delive	ry allowed: Yes												
Allow piggyback	to interrupt this info	usion: Yes											
Assigned CCAs:	5 West												
Cefazolin	Cefazolin	mg/m	L	Full	NOT SPECIFIED	mL/hr	5				EXT_ID_018	Class_Descr_18	class_18
Piggyback delive	ry allowed: Yes				4								1
Allow piggyback	to interrupt this info	asion: Yes											
Assigned CCAs:	5 West												
DOBUTamine	DOBUTamine	250 mcg / 20	mL	Full	CARDIAC	mL/hr	1				EXT_ID_035	Class_Descr_35	class_35
Piggyback delive	ry allowed: Yes												
Allow piggyback	to interrupt this info	usion: Yes											
Assigned CCAs:	5 West												
DOPamine	DOPamine	200 mg / 5 m	L	Full	NOT SPECIFIED	mL/hr	1				EXT_ID_037	Class_Descr_37	class_37
				1	1					-	-		/1

Plum 360 with Bolus

Drug Library	Infus	er Type		Date Finalized		Library State			
Plum Bolus Library	Plum 360 15.1x		N/A		v	Vorksheet			
							,		
Rule Set Groups	Assigned CCAs								
Generic Name: Albumin	External ID: EX	T_ID_003	Therapeutic Class: Class_Descr_03 Class ID: class_03						
Displayed Name: Albumin	R	ule Sets: Limited	tainer Volume): 50 mL	≡					
Piggyback deliver	y allowed: Yes		Allow piggyback to interrupt this infusion: Yes						
Clinical Use: NOT SPE	CIFIED	Enable	Bolus: Yes		Maxir	num Bolus Amount:			
Bolus Limits - Amount	mL								
Bolus Limits - Amount Bolus Limits - Time	mL					ICII			
	mL					ICU			

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

	Plum 360
Medication Entries	Description
Generic Name	The generic name of the medication
Displayed Name	The medication name that displays on the infuser
Concentration (or Container Volume) ¹	Concatenation of medication amount, medication unit, diluent amount, and diluent unit
Rule Sets	The type of rule set created for the medication. Includes full, limited, and label only
Clinical Use (Plum 360 only)	The clinical use attributed to the medication
Dosing Unit	The dosing unit selected for the medication
LHL	Lower Hard Limit - the lower limit that cannot be overridden
LSL	Lower Soft Limit - the lower limit that can be overridden
USL	Upper Soft Limit - the upper limit that can be overridden
UHL	Upper Hard Limit - the upper limit that cannot be overridden
External ID	The ID number used to match an order to the medication entry in the drug library
Therapeutic Class	Therapeutic class assigned to the medication entry
Class ID	The ID number for the therapeutic class
Piggyback delivery allowed	Indicates whether this option was selected
Allow piggyback to interrupt this infusion	Indicates whether this option was selected
Assigned CCAs	CCAs to which the drug is assigned
Bolus Limits (Plum 360 with Bolus only)	Indicates the bolus limits for amount, time, and dose rate
Dose Rate Limits (Plum 360 with Bolus only)	Indicates the allowable bolus rate
¹ When the rule type is Limited, th	is field displays the container volume

Plum A+ Drug Library

This report displays detailed information on all medications in the Plum A+ Master Drug Formulary.

put	•												
994) 												Print Sage to File Glose	• <u> </u>
I	Drug Library		Infuser T	ype				Da	ate Fin	alized		Library State	
uide PlumA+			Plum A+		1	N/A						Worksheet	
eric Name	Displayed Name	Concentrati	ion (or Container Volume)	Rule Sets	Dosing Unit	LHL	LSL	USL	UHL	External ID		Therapeutic Class	Class ID
ag Selected	No Drug Selected			Label Only									
				Assigned (CAs: 2 No	rth, 5 V	Vest, I	CU		,			
AMYCIN	CLINDAMYCIN			Label Only						1421	ANTIBACT	ERIALS MISCELLANEOUS	08:12.2
				As	signed CC.	As: ICU	J			,			
5% 1/4NSS	DEXT 5% 1/4NSS	mg/r	nL	Full	mL/hr			5		2443	CALORIC	AGENTS	40:20.0
				As	signed CC.	As: ICU	J	-	,		,		
MINE	DOPAMINE	40 mg / 1 m	L	Full	mL/hr	1				1734	BETA-ADR	ENERGIC AGONISTS	12:12.0
				As	signed CC.	As: ICU	J	_					-
HINE	MORPHINE	250 mL		Limited	mL/hr				2	2738	OPIATE A	JONISTS	28:08.0
				As	signed CC.	As: ICU	J	-	-				
PINEPHRINE	NORFPINEPHRINE	4 mg / 4 ml.		Full	-			2		241	AT 1977 A	TO BETA ADDENEDCIC ACONICTON	12121
A N H	ric Name g Selected AMYCIN 5% 1/4NSS 4INE HINE	rric Name Displayed Name g Selected No Drug Selected AMYCIN CLINDAMYCIN 5% 1/4NSS DEXT 5% 1/4NSS MINE DOPAMINE HINE MORPHINE	Displayed Name Concentration g Selected No Drug Selected AMYCIN CLINDAMYCIN 5% 1/4NSS DEXT 5% 1/4NSS MINE DOPAMINE	ric Name Displayed Name Concentration (or Container Volume) g Selected No Drug Selected AMYCIN CLINDAMYCIN CLINDAMYCIN Signature CLINDAMYCIN MINE DEXT 5% 1/4NSSmg /mL MINE DOPAMINE 40 mg / 1 mL HINE MORPHINE 250 mL	ric Name Displayed Name Concentration (or Container Volume) Rule Sets g Selected No Drug Selected Label Only AMYCIN CLINDAMYCIN Label Only S% 1/4NSS DEXT 5% 1/4NSS mg / mL Full MINE DOPAMINE 40 mg / 1 mL Full HINE MORPHINE 250 mL Limited	ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit g Selected No Drug Selected Label Only AMYCIN CLINDAMYCIN Label Only CLINDAMYCIN Label Only S% 1/4NSS DEXT 5% 1/4NSS _ mg / _ mL Full mL/nr Assigned CC. INNE DOPAMINE 40 mg / 1 mL Full mL/nr Assigned CC. INNE MORPHINE 250 mL Limited mL/nr	ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit I g Selected No Drug Selected Label Only Assigned CCAs: 2 North, 5 V AMYCIN CLINDAMYCIN Label Only Assigned CCAs: 1 CU S% 1/4NSS DEXT 5% 1/4NSSmg /mL Full mL/nr Assigned CCAs: 1 CU INNE DOPAMINE 40 mg / 1 mL Full mL/nr 1 Assigned CCAs: 1 CU INNE MORPHINE 250 mL Limited mL/nr ML/nr 1	nic Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL g Selected No Drug Selected Label Only Label Only Methy Selected Label Only Methy I AMYCIN CLINDAMYCIN Label Only Label Only Methy I Source CCAs: 1 CU SW 1/4NSS DEXT 5% 1/4NSS mg / mL Pull mL/hr I MINE DOPAMINE 40 mg / 1 mL Pull mL/hr 1 MORPHINE 250 mL Limited mL/hr I Assigned CCAs: 1 CU	ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL getected Label Only Label Only Assigned CCAs: 2 North, 5 West, ICU AMYCIN CLINDAMYCIN Label Only Setting CCAs: 2 North, 5 West, ICU ASsigned CCAs: 1 CU	ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL UHL gSelected No Drug Selected Label Only I II I I I I I I I I I I I I I I I I	Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL UHL External ID g Selected No Drug Selected Label Only Image: Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL UHL External ID g Selected No Drug Selected Label Only Image: Concentration (or Container Volume) Image: Concentration (or Container Volume) Image: Concentration (or Container Volume) Rule Sets UHL External ID Image: Concentration (or Container Volume) Image: Concentration (or Container Volume) <td>ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit I HL LSL USL UHL External ID g Selected No Drug Selected Label Only I II II II III IIII IIIIIIIIIIIIIIII</td> <td>Initial State Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL UHL External ID Therapeutic Class g Selected No Drug Selected Label Only Image: Class Class Class Image: Class Class Class Class Image: Class Cla</td>	ric Name Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit I HL LSL USL UHL External ID g Selected No Drug Selected Label Only I II II II III IIII IIIIIIIIIIIIIIII	Initial State Displayed Name Concentration (or Container Volume) Rule Sets Dosing Unit LHL LSL USL UHL External ID Therapeutic Class g Selected No Drug Selected Label Only Image: Class Class Class Image: Class Class Class Class Image: Class Cla

Plum A+								
Medication Entries	Description							
Generic Name	The generic name of the medication							
Displayed Name	The medication name that displays on the infuser							
Concentration (or Container Volume) ¹	Concatenation of medication amount, medication unit, diluent amount, and diluent unit							
Rule Sets	The type of rule set created for the medication. Includes full, limited, and label only							
Dosing Unit	The dosing unit selected for the medication							
LHL	Lower Hard Limit - the lower limit that cannot be overridden							
LSL	Lower Soft Limit - the lower limit that can be overridden							
USL	Upper Soft Limit - the upper limit that can be overridden							
UHL	Upper Hard Limit - the upper limit that cannot be overridden							
Assigned CCAs	CCAs to which the drug is assigned							
External ID	The ID number used to match an order to the medication entry in the drug library							
Therapeutic Class	Therapeutic class assigned to the medication entry							
Class ID	The ID number for the therapeutic class							
¹ When the rule type is Limited, the	his field displays the container volume							

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Plum 360 - CCA Drug Library

This report shows each CCA along with its associated medication entries. CCAs are listed in the order in which they are created.

lospira MedNet™ Med	s™ - Plum User Guide	Library												1	
ig Library Management F	Reports CCA Setup M	aster Infuser Se	tup												
A Drug Library											Print Sa	ve to File	⊆los	e	Help
eport Output															
Next Last													-		
1	Drug Library			Infuser	Туре		Date	Finalize	d			Library St	ate		
Plum User Guide Lit	brary		Plum A+	15.x		N/A					Worksheet				
							_		_						
Generic Name	Displayed Name	Concentra Container		Rule Sets	Clinical Use	Dosing Unit	LHL	LSL	USL	UHL	External ID	Therape Class		Class ID	
	CCA Name: UNC														
No Drug Selected	No Drug Selected			Label Only											
Piggyback delivery	allowed: Yes														
Allow piggyback to	interrupt this infu	sion: Yes													
Assigned CCAs: 5	West, Bolus, ICU, U	NC													
					CCA Name:	Bolus									
No Drug Selected	No Drug Selected			Label Only											
Piggyback delivery	allowed: Yes														
Allow piggyback to	interrupt this infu	sion: Yes													
Assigned CCAs: 5	West, Bolus, ICU, U	NC													
					CCA Name:	ICU									
No Drug Selected	No Drug Selected			Label Only											
Piggyback delivery	allowed: Yes														-
ary Name: Plum User Gui	de Library				Infuser: Plum A	+ 15.x	Status:	Workshe	et Mod	lified: Au) 16 2013 01:09PM	Mode: E	dit User	mednet	admin

Plum 360 with Bolus

PI	Hospi	ra MedNet™ M	eds™ - Plum E	olus Library			_ D X				
Drug Library Management Reports CCA Setup	Master Infuser Setup										
CCA Drug Library 🗸					Print	Sa <u>v</u> e to File	<u>C</u> lose <u>H</u> elp				
Report Output											
		CCA N	ame: ICU				^				
Displayed Name: No Drug Selected Rule Sets: Label Only Concentration (or Container Volume):											
Piggyback deliver	y allowed: Yes		All	ow piggyback to	interrupt this i	nfusion: Yes					
Clinical Use: NOT SPE	CIFIED	Enabl	e Bolus: No		Maximur	n Bolus Amount:					
Bolus Limits - Amount											
Bolus Limits - Time						ICU, User Guid	a Dhum				
Bolus Limits - Dose Rate											
Dose Rate Limits - Rate											
Generic Name: Albumin	External ID: EX	T_ID_003	Therapeu	tic Class: Class	ss_Descr_03 Class ID: class_03						
Displayed Name: Albumin	R	ule Sets: Limited		Concentra	ation (or Contai	iner Volume): 50 mL	, 📃				
Piggyback deliver	y allowed: Yes		All	ow piggyback to	interrupt this i	nfusion: Yes					
Clinical Use: NOT SPE	CIFIED	Enable	e Bolus: Yes		Maximur	m Bolus Amount:					
Bolus Limits - Amount	mL						_				
Balentipitentiman			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	L	hand	Lamon					

	Plum 360					
Medication Entries	Description					
Generic Name	The generic name of the medication					
Displayed Name	The medication name that displays on the infuser					
Concentration (or Container Volume) ¹	Concatenation of medication amount, medication unit, diluent amount, and diluent unit					
Rule Sets	The type of rule set created for the medication. Includes full, limited, and label only					
Dosing Unit	The dosing unit selected for the medication					
LHL	Lower Hard Limit - the lower limit that cannot be overridden					
LSL	Lower Soft Limit - the lower limit that can be overridden					
USL	Upper Soft Limit - the upper limit that can be overridden					
UHL	Upper Hard Limit - the upper limit that cannot be overridden					
Piggyback delivery allowed	Indicates whether or not piggyback delivery is allowed					
Allow piggyback to interrupt this infusion	Indicates whether the piggyback infusion can be interrupted					
Clinical Use	The clinical use assigned to the particular medication					
Assigned CCAs	CCAs to which the drug is assigned					
Enable Bolus (Plum 360 with Bolus only)	Indicates whether bolus is enabled					
Maximum Bolus Amount	The maximum bolus amount selected					
External ID	The ID number used to match an order to the medication entry in the drug library					
Bolus Limits (Plum 360 with Bolus only)	Indicates the bolus limits for amount, time, and dose rate					
Dose Rate Limits (Plum 360 with Bolus only)	Indicates the allowable bolus rate					
Therapeutic Class	Therapeutic class assigned to the medication entry					
Class ID	The ID number for the therapeutic class					
¹ When the rule type is Limited, th	is field displays the container volume					

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Plum A+ CCA Drug Library

This report shows each CCA along with its associated medication entries. CCAs are listed in the order in which they are created.

ort Output													
	Drug Library		Infuser Ty	ре				Da	te Fin	alized		Library State	
User Guide PlumA+			Plum A+		13	V/A						Worksheet	
Generic Name	Displayed Name	Concentrat	tion (or Container Volume)	Rule Sets	Dosing Unit	LHL	LSL	USL	UHL	External ID		Therapeutic Class	Class ID
				C	CA Name:	ICU							
No Drug Selected	No Drug Selected			Label Only									
				Assigned CO	As: 2 Not	th, 5 W	est, I	CU					
CLINDAMYCIN	CLINDAMYCIN			Label Only						1421	ANTIBACT	TERIALS MISCELLANEOUS	08:12.28
				Assi	igned CC/	s: ICU							
MORPHINE	MORPHINE	250 mL		Limited	mL/hr				2	2738	OPIATE A	GONISTS	28:08.08
				Assi	igned CC/	s: ICU							
NOREPINEPHRINE	NOREPINEPHRINE	4 mg / 4 ml		Full	mL/hr			2		241	ALPHA- A	ND BETA-ADRENERGIC AGONISTS\1	12:12.12
				Assi	igned CCA	s: ICU							
DOPAMINE	DOPAMINE	40 mg / 1 m	Ъ	Full	mL/hr	1				1734	BETA-ADF	RENERGIC AGONISTS	12:12.08
				Assi	gned CCA	s: ICU	r.						
DEXT 5% 1/4NSS	DEXT 5% 1/4NSS	_ mg /	mL	Full	mL/hr			5		2443	CALORIC	AGENTS	40:20.00
				Assi	igned CCA	s: ICU	r -						
				CC.	A Name: 2	2 North							
No Drug Selected	No Drug Selected			Label Only									
			1	Assigned CO	As: 2 Not	rth, 5 W	est, I	CU			22		
				CC	A Name:	5 West							
No Drug Selected	No Drug Selected			Label Only									
				Assigned CO	As: 2 Not	th, 5 W	est, IC	CU			,		

	Plum A+						
Medication Entries	Description						
Generic Name	The generic name of the medication						
Displayed Name	The medication name that displays on the infuser						
Concentration (or Container Volume) ¹	Concatenation of medication amount, medication unit, diluent amount, and diluent unit						
Rule Sets	The type of rule set created for the medication. Includes full, limited, and label only						
Dosing Unit	The dosing unit selected for the medication						
LHL	Lower Hard Limit - the lower limit that cannot be overridden						
LSL	Lower Soft Limit - the lower limit that can be overridden						
USL	Upper Soft Limit - the upper limit that can be overridden						
UHL	Upper Hard Limit - the upper limit that cannot be overridden						
Assigned CCAs	CCAs to which the drug is assigned						
External ID	The ID number used to match an order to the medication entry in the drug library						
Therapeutic Class	Therapeutic class assigned to the medication entry						
Class ID	The ID number for the therapeutic class						
¹ When the rule type is Limited,	this field displays the container volume						

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Plum 360 Master Infuser and CCA Settings

This report displays detailed information on all Plum A+ master infusers and active CCA settings.

ter Infuser & CCA Settings 🔻					Print	Save to File	e <u>H</u> elj	
port Output								
Drug Library	Infuse	er Type		Date Finalized		Library State		
360	Plum 360 15.x		N/A			Worksheet		
	Л							
laster Infuser Settings								
Continue Rate		KVO		Callback Notification			No	
Deliver Together		Piggyback		Force Pump to Accept D	-	ry During Power Down	No	
Auto-program Rejection Reason Tim	eout (seconds)	15		Maximum Standby Time	(hours)		72	
Default Clinical Use		NOT SPECIFIED						
Patient Limits		Minimum Value			Max	cimum Value		
Patient Limits		Minimum Value			Max	cimum Value		
BSA		0.012 m ²			7.07	7 m ²		
Patient Height		7.5 cm			305	cm		
Patient Weight		0.1 kg			500	kg		
Alarm Settings		Item				Value		
Distal Occlusion Pressure		Default Setting				310 mmHg		
Occlusion Pressure Auto-Reset		Distal Occlusion A	uto-Re	eset	0)		
		Item			Val	Value		
Other Infuser Parameters	Other Settings				Ena	bled		
		Standby			Ena	Enabled		
			Maximum Dose Rate 999			99 mL/hr		
			ite		999	mL/hr		

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

	Plum 360						
Master Infuser Settings	Description						
Continue Rate	The default delivery rate the infuser switches to after a therapy completes: KVO or programmed rate						
Callback Notification	The default callback setting: Yes or No						
Deliver Together	The default deliver together method: Piggyback or Concurrent						
Force Pump to Accept Drug Library Power Down	To automatically install a new Medication Library upon infuser turn off. The default is No.						
Auto-programme Rejection Reason Timeout (seconds)	The amount of time a rejection reason appears on the infuser						
Maximum Standby Time (hours)	The period of time the infuser can wait before beginning a therapy						
Default Clinical Use	The default clinical use entered that will replace "Not Specified" fields in the rule set						
CCA Settings	Description						
CCA Name	The CCA name						
Service Line	The service line name						
BSA	The minimum and maximum value						
Patient Height	The minimum and maximum patient height						
Patient Weight	The minimum and maximum patient weight						
Distal Occlusion Pressure	The default and maximum setting						
Occlusion Pressure Auto-Reset	The occlusion pressure auto-resets						
Distal Occlusion Auto-Reset	The distal occlusion auto-resets						
Delayed Start	The default delay start setting: Enabled or Disabled						
Standby	The default setting to Enable or Disable standby before the beginning of a						
Standoy	therapy						

Plum A+ Master Infuser and CCA Settings

This report displays detailed information on all Plum A+ master infusers and active CCA settings.

đ	Hospira MedNet™ Meds™	- User Guide PlumA+									
Dru	g Library Management Repor	ts CCA Setup Master Infuser	Setup								
M	ister Infuser & CCA Settings	~							Print Say	e to Filelose	Help
FR	eport Output										
	Drug Library Infuser Type Date Finalized Library State										
	User Guide PlumA+		P	Plum A+	N	VA			Worksheet		
	Master Infuser Settings										
	Contin	ue Rate		Callback Notification		I	Delay St	art	Deliv	ver Together	
1	KVO		No			Yes			Piggyback		
	CCA Settings										
	CCA Name	Service Line		Default Occlusion Pressure	М	inimum Patient V	Weight	Maximu	m Patient Weight	Maximum Rat	te
	ICU	ICU - medical		6	.1			500		999	
	2 North	Emergency services		6	.1			500		999	
	5 West	Obstetrics/gynecology		6	0.1			500		999	
	5 West Obstetrics/gynecology 6 0.1 500 999 Page 1 of 1 Page 1 of 1 Drary Name: User Guide PlumA+ Infuser; Plum A+ Status: Worksheet Modified: Dec 30 2009 11:20AM Mode: Edit: User: mednetdnim										

	Plum A+
Master Infuser Settings	Description
Continue Rate	The default delivery rate the infuser switches to after a therapy completes: KVO or programmed rate
Callback Notification	The default callback setting: Yes or No
Delay Start	The default delay start setting: Yes (Enabled) or No (Disabled)
Deliver Together	The default deliver together method: Piggyback or Concurrent
CCA Settings	Description
CCA Name	The CCA name
Service Line	The service line name
Default Occlusion Pressure	The default minimum pressure that will cause the infuser to report an occlusion alarm
Minimum Patient Weight	The minimum patient weight allowed in the CCA
Maximum Patient Weight	The maximum patient weight allowed in the CCA
Maximum Rate	The maximum delivery rate allowed in the CCA

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Printing Reports

To print a report:

1. Click the **Reports** tab.

MedNet™ Me	ds™ - User Guide
Drug Library Managemen	Reports CCA Setup Master Infuser Setup
Choose a report	
Report Output	
	 {
	}

2. Select the report to print from the drop-down list.

M Hospira MedNet™ Meds™ - User Guide							
Drug Library Management Reports	CCA Setup Master Infuser Setup						
Choose a report 🗸							
Choose a report							
Drug Library							
CCA Drug Library							
Master Infuser & CCA Settings							
	ŧ						

The report displays.

3. Click Print.

The Print menu displays. Make your selection.

4. Click **Print**.

To Save a Report

- 1. Select a report that you want to save.
- 2. Click Save to File.

🛃 Hospira MedNet [™] Meds [™] - User Guide	
Drug Library Management Reports CCA Setup Master Infuser Setup	
Drug Library	Print Saye to File Gose Help
Report Output	

3. Navigate to a location of your choice.

Save to File	I THE I THE I THE	x
Look <u>i</u> n:	📔 Hospira MedNet Meds 6. 1 🔹 🍺 📴 🛄 🗸	
Recent Items	dependencies docs Temp Uninstall Hospira MedNet(TM) Meds(TM) 6.1	
Desktop	∉ License_en	
My Documents		
Computer		
	File name:	ave
Network	Files of type: HTML Files (*.html)	incel

- 4. Type in a File name.
- 5. Click **Save** and the report will be saved in .html format.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Notes:

Chapter 8: Setting Up CCAs

Overview

Before you can assign medication entries to a clinical care area (CCA), you need to add a CCA to your Worksheet. Use the CCA Set-Up view to add a CCA to the Worksheet. You can create a maximum of 18 CCAs for the Plum A+ 13.4x infuser. Hospira MedNet Meds also supports Plum versions that can accommodate up to 40 CCAs. (See the Hospira MedNet Software Device Compatibility Matrix to determine the availability of the Plum version. The matrix is available through the Advanced Knowledge Centre.)

The CCA Set-Up view allows you to:

- Create a new CCA and assign a Service Line to it
- Make changes to an existing CCA name and Service Line
- Remove an existing CCA
- View CCA names and Service Lines
- Arrange the order in which the CCA names display on the infuser
- Set up CCA-specific infuser settings

To display the CCA Set-Up view, open a Worksheet for editing and click the CCA Set-Up tab. (For instructions on opening a Worksheet, see Chapter 5: The Library Directory, on page 27.)

d Hospira MedNet™ Meds™ - Us	er Guide PCA Library				_ 🗆 🗙
Drug Library Management Reports	CCA Setup Master Infus	ser Setup Protocols			
Add Edit Delete	View	CCA Settings	Arrange CCA Names		ise <u>H</u> elp
Current CCA Names					
CCA	Service Line	Notes			
BH	Behavioral health				
ICU	ICU - medical				
2 South	Pain Management				
man man man	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ment to the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	

Note: If you try to add a medication to a CCA that already has the maximum allowable medication entries, you will receive an error message. You will need to delete a medication from the CCA then add a new medication to the CCA in the Drug Library Management window.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Service Lines

Service Lines are used in reports to aggregate data across multiple CCAs or facilities. Each CCA is mapped to a Service Line. For example, a service line called **Surgical - adult** may be used to examine data from the CCAs Four West, Five North, and Five East in a single hospital.

The following Service Lines are available for use.

Note: You cannot edit or change the contents of the Service Line list.

- Ambulatory
- Anesthesia
- Behavioural health
- Bone marrow transplant
- Burn unit
- Ear, Nose and Throat
- · Emergency services
- Endocrinology
- Eye
- Geriatric
- Haematology
- ICU cardiac
- ICU general
- ICU medical
- ICU neonatal
- ICU paediatric
- ICU surgical
- Labour & Delivery
- Medicine adult
- Medicine neonatal
- Medicine paediatric

- Multiple service line
- Obstetrics/gynecology
- Oncology adult
- Oncology paediatric
- Orthopedics
- Other specialty
- Outpatient Surgery
- Pain Management
- Rehabilitation
- Renal
- Short Stay
- Skilled nursing
- Special Procedures
- Surgical adult
- Surgical cardiovascular
- Surgical paediatric
- Telemetry
- Transfusion Centre
- Transplant
- Trauma
- Urology

Create a New CCA

To create a new CCA:

- 1. Click the CCA Set-Up tab.
- 2. Click Add.

Prug Library Management Reports CCA Setup Master Infuser Setup					
bidg clorally Management Reports Confocutor Master Infuser Setup					
Add	Edit Delet	e View			
Current CO	CA Names				
	CCA	Service Line			
BH		Behavioral health			
ICU		ICU - medical			
2 South		Pain Management			

- 3. Enter the name of the new CCA.
- **Note:** Displayed Names and CCA Names do not allow either commas (,) or inverted commas (".) The number of characters allowed in a CCA name varies for each type of infuser. Plum has a maximum of 29. You cannot exceed the maximum characters.

CCA Name:	ie and Notes			×
Service Line: Se	lect			-
Exclude from	clinical reports			
Notes				
	S <u>a</u> ve & Add Another	r Save & Close	<u>C</u> ancel	

- 4. Select a Service Line for your CCA from the drop-down list.
- 5. To exclude the CCA from the reports, place a check mark in the box next to **Exclude from clinical reports**.
- **Note:** Clinical reports include all reports except Asset Tracker, Asset Use, Event/Alarm Log, Infuser Status, and Software Download.
 - 6. Enter a Note if desired.
 - 7. Click Save & Add Another or Save & Close.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Edit a CCA

To edit a CCA, Service Line, or Note:

- 1. Click the CCA Set-Up tab.
- 2. Select the CCA you want to change.

Hospira MedNet™ Meds™ - User Guide PCA Library				
Orug Library Management Reports CCA Setup Master Infuser Setup				
<u>A</u> dd Current CC	Edit Del	ete <u>V</u> iew		
	CCA	Service Line		
BH		Behavioral health		
ICU		ICU - medical		
		Pain Management		

- 3. Click Edit.
- 4. Edit the CCA Name, Service Line, and Notes if desired.

Edit CCA Name and Notes
CCA Name: 5 West
Service Line: Medicine - adult
Exclude from clinical reports
_Notes
Save & Edit Next Save & Close Cancel
Save & Close Cancel

5. Click Save & Edit Next or Save & Close.

View a CCA

To view a CCA:

- 1. Click the CCA Set-Up tab.
- 2. Select the CCA you want to view.

🗹 Hospira MedNet™ Meds™ - User Guide PCA Library				
Drug Library Management Reports CCA Setup Master Infuser Setup				
Add Edi		View		
CC	A	Service Line		
BH		Behavioral health		
ICU		ICU - medical		
2 South		Pain Management		

- 3. Click View.
- 4. When you have finished viewing, click View Next or Close.

View CCA Na	ame and Notes X
CCA Name: 5	i West
Service Line:	Medicine - adult
📕 Exclude fro	om dinical reports
Notes	
	View Next

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Delete a CCA

To delete a CCA:

- 1. Click the CCA Set-Up tab.
- 2. Select the CCA you want to delete.

Drug Library Management Reports CCA Add Edit Delete Current CCA Names	Setup Master Infuser Setup
	View
CCA	Service Line
BH Beha	avioral health
ICU ICU	- medical
2 South Pain	Management

- 3. Click Delete.
- 4. A pop-up window appears to confirm the deletion.
- 5. Click Delete.

Delete CCA Name and Notes	×
CCA Name: 2 North	
Service Line: Burn unit	
Exclude from clinical reports	
Notes	
,	
<u>Delete</u>	

The CCA is permanently deleted from the Worksheet.

Note: Medication entries assigned to the deleted CCA will remain in the Master Drug Formulary and any other CCAs to which they were assigned.

Change the Display Order of CCA Names

To change the display order of CCA names on the infuser:

1. Click the CCA Set-Up tab.

v Hospira MedNet™ Meds™ - User Guide Plum A+						
Drug Library Management Repo	orts CCA Setup Master Infu	ser Setup				
Add Edit De	lete <u>V</u> iew	CCA <u>S</u> ettings	Arrange CCA Names			
CCA	Service Line	Notes				
SICU	ICU - surgical					
MICU	ICU - medical					
MICU CV	ICU - medical Telemetry					
MICU CV ER						

- 2. Click Arrange CCA Names.
- 3. Select the CCA names you want to move.
- 4. Click Move Up and Move Down to reorder the list as desired.
- 5. Click Save when you are satisfied with the display order.

			Move Up
CCA	Service Line	Notes	Move Down
ICU	ICU - surgical		Move Down
IICU	ICU - medical		
:V	Telemetry		
R	Emergency services		
West	Medicine - adult		
North	Medicine - adult		

Helpful Hint: You may select multiple CCAs by selecting the first CCA you want to move, and then holding the shift key while clicking the last CCA you want to move.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Setting Up a Plum 360

Note: Only users with the appropriate login privileges are able to edit CCA infuser settings.

Each CCA is associated with specific infuser settings. For Plum infusers that can support 40 CCAs, the following settings are supported: Patient Limits consisting of minimum and maximum body surface area (BSA); minimum and maximum patient height and weight; Alarm Settings for the default occlusion pressure; and Other Infuser Parameters relating to start and standby, and dose rates.

Note: The CCA settings apply to all medications in the CCA.

The **Body Surface Area** setting allows you to set a minimum to maximum range for the specific CCA.

The **Minimum Patient Height** setting allows you to set the minimum patient height allowed in the CCA.

The **Maximum Patient Height** setting allows you to set the maximum patient height allowed in the CCA.

The **Minimum Patient Weight** setting allows you to set the minimum patient weight allowed in the CCA.

The **Maximum Patient Weight** setting allows you to set the maximum patient weight allowed in the CCA.

The **Default Occlusion Pressure** setting allows you to select the pressure at which the infuser will sound the distal occlusion alarm. This setting is used as the default setting for the selected CCA and can be changed when programming the infuser.

The **Distal Occlusion Pressure Auto-Reset** setting allows you to set the number of times the infuser will resume an infusion automatically if a distal occlusion is cleared within 60 seconds of detection. If you leave the Auto-Reset at zero, the default setting, occlusion alarms will not be automatically reset.

The Maximum Dose Rate is the maximum delivery rate allowed in the CCA.

The **Delayed Start** setting allows you to select this option in the CCA and in turn allows that option for the infuser.

The **Standby** setting allows you to select this option in the CCA and in turn allows that option for the infuser.

Note: The Minimum Patient Weight, Maximum Patient Weight, and Maximum Dose Rate cannot be changed by the clinician when programming the infuser.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Following are the default CCA infuser settings:

Minimum BSA	0.012 (m ²)
Maximum BSA	7.07 (m ²)
Minimum Patient Height	7.5 cm
Maximum Patient Height	305 cm
Minimum Patient Weight	0.1 kg
Maximum Patient Weight	500 kg
Default Occlusion Pressure	6 psi (310 mmHg)
Distal Occlusion Pressure Auto-Reset	0
Maximum Dose Rate	999 mL/hr
Delayed Start	Enabled
Standby	Enabled

Note: When you create a new CCA, it contains the default infuser settings until you change them.

To set up CCA settings:

1. Display the CCA Set-Up view by opening a Worksheet for editing and clicking the CCA Set-Up tab (for instructions on opening a Worksheet, see Chapter 5: The Library Directory, on page 27).

📲 Hospira MedNet™ Meds™ - Us	er Guide Plum A+			
Drug Library Management Reports	CCA Setup Master Infus	ser Setup		
Add Edit Delete	View	CCA Settings	Arrange CCA Names	
CCA	 Service Line 	Notes		
	Emergency services			
MICU	ICU - medical			
SICU	ICU - surgical			
5 West	Medicine - adult			
2 North	Medicine - adult			
CV	Telemetry			

2. Select a CCA from the CCA Set-Up view.

	🖸 Hospira MedNet™ Meds™ - User Guide Plum A+						
	Drug Library Management Reports CCA Setup Master Infuser Setup						
	Add Edit Delete	View	CCA <u>S</u> ettings				
2	CCA	 Service Line 	\$				
		Emergency services ICU - medical	}				
	SICU	ICU - surgical	4)			
	5 West	Medicine - adult	Ĩ				
	2 North	Medicine - adult	{				
	CV	Telemetry	1				

3. Click the CCA Settings button.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- 4. Select the **Patient Limits** tab and edit the following information:
 - Minimum BSA (0.012 to 7.07)
 - Maximum BSA (0.012 to 7.07)
 - Minimum Patient Height (7.5 to 305 cm)
 - Maximum Patient Height (7.5 to 305 cm)
 - Minimum Patient Weight (0.1 to 500 kg)
 - Maximum Patient Weight (0.1 to 500 kg)

CCA Settings	×
CCA: ICU	
Patient Limits Alarm Settings Other Infuser Paramet	ers
BSA (m²)	
Minimum: 0.012 [0.012 - 7.07]	
Maximum: 7.07 [0.012 - 7.07]	
Patient Height (cm)	
Minimum: 7.5 [7.5 - 305]	
Maximum: 305 [7.5 - 305]	
Patient Weight (kg)	
Minimum: 0.1 [0.1 - 500]	
Maximum: 500 [0.1 - 500]	
Restore Default Values	
Save & Continue Save & Close Cancel	Help

- 5. Select the Alarm Settings tab and edit the following information:
 - Distal Occlusion Pressure (1 psi to 15 psi or 52mmHg to 776 mmHg))
 - **Distal Occlusion Auto-Reset** (0 to 10)

CCA Settings	X
CCA: ICU	
Patient Limits Alarm Settings Other Infuser Parameters	
Distal Occlusion Pressure (psi)	
Default Setting: 6 [1 - 15]	
Distal Occlusion Pressure Auto-Reset	
This is the number of times the infuser will resume infusion automatically if a distal occlusion is cleared within 60 seconds of detection. If Auto-Reset is zero, occlusion alarms will not be automatically reset.	
Distal Occlusion Auto-Reset: 0 [0 - 10]	
Restore Default Values	
Save & Continue Save & Close Cancel Hel	2

available through your Hospira Support Centre.

6. Select the Other Infuser Parameters tab.

CCA Settings	x
CCA: ICU	
Patient Limits Alarm Settings Other Infuser Parameters	
Checked options will be enabled. Other Settings	
🔽 Delayed Start	
I Standby	
Maximum Dose Rate (mL/hr)	
Maximum Dose Rate: 999 [0.1 - 999]	
Restore Default Values	
Save & Continue Save & Close Cancel Help	

- 7. Select to allow the **Delayed Start** and **Standby** settings (recommended.)
- 8. Edit the Maximum Dose Rate.
- 9. Click Save & Continue or Save & Close.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Setting Up a Plum A+ CCA

Note: Only users with the appropriate login privileges are able to edit CCA infuser settings.

Each CCA is associated with specific infuser settings. These settings include: the default occlusion pressure, minimum and maximum patient weight, and maximum dose rate settings.

Note: The CCA settings apply to all medications in the CCA.

The **Default Occlusion Pressure** setting allows you to select the pressure at which the infuser will sound the distal occlusion alarm. This setting is used as the default setting for the selected CCA and can be changed when programming the infuser.

The **Minimum Patient Weight** setting allows you to set the minimum patient weight allowed in the CCA.

The **Maximum Patient Weight** setting allows you to set the maximum patient weight allowed in the CCA.

The Maximum Dose Rate is the maximum delivery rate allowed in the CCA.

Note: The Minimum Patient Weight, Maximum Patient Weight, and Maximum Dose Rate cannot be changed by the clinician when programming the infuser.

Following are the default CCA infuser settings:

6 psi (310 mmHg)
0.1 kg
500 kg
999 mL/hr

Note: When you create a new CCA, it contains the default infuser settings until you change them.

To set up the Plum A+ CCA settings:

1. Display the CCA Set-Up view by opening a Worksheet for editing and clicking the CCA Set-Up tab (for instructions on opening a Worksheet, see Chapter 5: The Library Directory, on page 27).

😴 Hospira MedNet™ Meds™ - User Guid	le Plum A+						
Drug Library Management Reports CCA Setup Master Infuser Setup							
Add Edit Delete View CCA Settings Arrange CCA Names Gose Help							
Current CCA Names							
CCA 🔺	Service Line	Notes					
ER Emerger	ency services						
MICU ICU - me	edical						
Lasa	voical	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		m		

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

2. Select a CCA from the CCA Set-Up view.

M Hospira MedNet™ Meds™ - User Guide Plum A+						
Drug Library Management Re	ports CCA Setup Master Infuser Se	etup				
<u>A</u> dd <u>E</u> dit <u>C</u>	CCA Settings					
Current CCA Names						
CCA	▲ Service Line	j				
ER	Emergency services					
MICU	ICU - medical	3				
SICU	ICU - surgical	4				
5 West	Medicine - adult	1				
2 North	Medicine - adult	{				
CV	Telemetry					

- 3. Click the CCA Settings button. The CCA Settings screen displays.
- 4. Edit the following information:
 - **Default Occlusion Pressure** (1 psi to 15 psi or 52 mmHg to 776 mmHg.) The Default Occlusion Pressure is the threshold for the distal occlusion alarm.
- **Note:** If your institution uses Plum A+ HB Hyperbaric infusers (version 13.5), refer to the infuser's System Operating Manual for this model's expanded default occlusion pressure range. The clinician is able to set the default occlusion pressure value while programming the infuser for hyperbaric use.
 - Minimum Patient Weight (0.1 to 500 kg)
 - Maximum Patient Weight (0.1 to 500 kg)
 - Maximum Dose Rate (0.1 to 999 mL/hr)

CCA Settings	×
CCA: ICU	
Default Occlusion Pressure (psi):	
Minimum Patient Weight (kg): 0.1 [0.1 - 50	0]
Maximum Patient Weight (kg): 500 [0.1 - 50	0]
Maximum Dose Rate (mL/hr): 999 [0.1 - 99	9]
Save Cancel Help	

5. Click **Save** to save the settings in the selected CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Notes:

Chapter 9: Plum A+ and Plum 360 Medication Entries

Overview

In this chapter, you will learn how to define clinical decision rules for medications in the Plum A+ drug library. Hospira MedNet Meds software enables you to customise dose limits for medications used in drug libraries. You can customise clinical decision rules for up to the maximum number of clinical care areas (CCAs) in the hospital, and 150 (Plum A+) or 400 medication entries (Plum 360) in each CCA, depending on your licencing.

Medication entries can be created with one of three types of rule sets, described below.

- Full Rule Set: Medication entries configured with a medication name, a complete or partial concentration, a specific dosing unit, and corresponding dose rate limits.
- Limited Rule Set: Medication entries configured with a medication name, optional diluent volume, and rate limits.
- Label Only Rule Set: Medication entries configured with a medication name, complete or partial concentration, and a specific dosing unit.

The display of the medication in the Drug List and the programming sequence for the clinician on the infuser will vary depending on the type of rule set defined in the drug library.

Note: The Clinical Use field (Plum 360 only) is an optional field and can be left blank. The default value of Clinical Use can be updated in the Master Infuser Set-Up.

Reference to the Plum with 40 CCAs applies to the Plum 360.

Hospira MedNet Meds Software User Guide

Part 1: Plum 360

Defining Rule Sets

Full Rule Set

A Full rule set allows you to enter a complete concentration (for example, 250 mg/500 mL) or partial concentration (for example, 250 mg/_ mL, _mg/500 mL or, _mg/_mL.) Creating a medication entry for the standard concentrations of any medication reduces the number of programming steps on the infuser for the clinician. At least one dosing limit value **must** be entered for each Full rule set.

Sour	ce List: Add Rule Set						×
ГМе	dication and Concentration —						
	Generic Name (External ID) (Strength / Volume) {Dosage Form}:						
DC	DOPamine (EXT_ID_037) {Description_1_Include}						
	Displayed Name: Therapeutic Class: Class ID:						
D	Pamine	Class_	Descr_37		class_37		
	Summary: DOPamin	e 200 mg / 5 mL	for Clinical Use	'_"Dos	sed in mL/hr		
	Rule Sets:						
F							
	Concentration						
		ation Unit:	Diluent Amount: ml		🥅 Piggyback d	elivery allowed	
	200 mg	- 5			🔲 Allow piggyb	oack to interrupt t	his infusion
	, ,, , , , , , , , , , , , , , , , , ,					· · ·	
- Clin	ical Use (optional)						
TEB	he Clinical Use is blank, it will be upd	ated with the value	e in the Default Clin	ical Lise fr	rom the Master	Infuser Setun	
	se Limits				Tom the Master	In asor Socapi	
	Dosing Unit: LH		LSL:		USL:	UHL:	
	L/hr		LDL;		050		
				I		I	
							1
	Save & Add Another Dosing Uni	: S <u>a</u> ve & Ad	d Another Rule Set	Sa	ave & C <u>l</u> ose	Cancel	Help

Leaving the medication or diluent amounts blank allows the clinician to enter a non-standard concentration at the time of programming. Full rule sets defined with a partial concentration will require the clinician to enter the concentration values when the dosing units are not mL/hr. When the dosing units are mL/hr, you do not have to enter concentration information.

Limited Rule Set

A Limited rule set does not require a concentration to be defined. At least one dosing limit value must be entered for each Limited rule set. The Container Volume field is optional. When programming the infuser for a medication with a Limited rule set, the clinician enters only the rate, volume to be infused (VTBI), and duration.

Source List: Add Rule Set	-		X				
Generic Name	(External ID) (Strength / Volur	ne) {Dosage Form}:					
DOPAMINE (1044) (200 MG / 5 ML) {VIAL}	DOPAMINE (1044) (200 MG / 5 ML) {VIAL}						
Displayed Name:	Therapeutic Class:	Class ID:					
DOPAMINE	BETA-ADRENERGIC AGONIS	TS\1 12:12.08					
Summary: DOPAMINE mL	Dosed in mL/hr						
Rule Sets:							
Limited 🗸							
Container Volume: mL							
- Dose Limits							
Dosing Unit: LHL:	LSL:	USL:	UHL:				
mL/hr 🚽 1							
Save & Add Anot	her Save & Close	Cancel <u>H</u> elp					

Label Only Rule Set

A Label Only rule set allows the clinician to see the medication name displayed on the infuser. There are no dosing limits associated with a Label Only rule set. The clinician selects the dosing units during programming. If the dosing units are not mL/hr, the clinician also enters the concentration values.

Source List: Add Rule Set			×				
Generic Name	(External ID) (Strength / Volume)	{Dosage Form}:					
VASOPRESSIN (2530) (20 UNITS / 1 ML) {**}	VASOPRESSIN (2530) (20 UNITS / 1 ML) {**}						
Displayed Name:	Therapeutic Class:	Class ID:					
VASOPRESSIN	PITUITARY	68:28.00					
Summary: VASOPRESSIN							
Rule Sets:							
Label Only 🗸							
Save & Add Anoth	ner Save & Close Can	cel Help					

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Each type of rule set will create a different display for the medication in the Drug List on the infuser.

You can create medication entries by adding them to the Master Drug Formulary or by adding them directly to a CCA. Medication entries added to a CCA are automatically added to the Master Drug Formulary.

Within a CCA, no two medication entries may have exactly the same External ID and Concentration. Also, no two medication entries may have exactly the same Displayed Name and Concentration.

Within a CCA, a medication entry with a Displayed Name and a Concentration can have up to four Clinical Uses. Each Clinical Use can have up to four dosing units or a total of 16 possible dosing units for one medication in one CCA.

In the Master Drug Formulary, two medication entries may have the same display name, medication amount, medication unit, diluent amount, and dosing units, as long as one or more of the following limits are different:

- Lower soft limit (LSL)
- Lower hard limit (LHL)
- Upper soft limit (USL)
- Upper hard limit (UHL)

Setting Dose Rate Limits

Hospira MedNet Meds allows you to define dose rate limits for both primary and secondary infusions. It is important that you understand how the dose rate limits function so please read this section carefully.

You can define upper and lower soft and hard limits as part of the rule set for each medication entry that you create in the library. As you configure the limits, the software enforces the following rule:

Lower Hard Limit (LHL) < Lower Soft Limit (LSL) <= Upper Soft Limit (USL) < Upper Hard Limit (UHL)

Soft Limits

Soft Limits are dose rate limits that can be overridden when programming the infuser. When a value entered on the infuser is lower than the lower soft limit or higher than the upper soft limit, the infuser displays a soft limit override confirmation message. The infuser records soft limit alerts and the user's response to the alert in its history logs.

For example, if the upper soft limit is set to 15 mL/hr and the clinician enters 16 mL/hr, the infuser will display a soft limit override alert. This alert notifies the clinician that the entry is outside the range of the soft limits set for that medication entry. The clinician can choose to continue programming using the override, or cancel the override and edit the value. Both the override and edit events are recorded separately in the infuser's history log.

Hospira MedNet Meds Software User Guide

Hard Limits

Hard Limits are dose rate limits that cannot be overridden; the infuser cannot be programmed with a rate that is lower than the lower hard limit or higher than the upper hard limit.

Note: The actual patient weight is not entered until the clinician programs the infuser. Therefore, Hospira MedNet Meds software cannot verify the validity of a lower limit when entering a weight-based medication entry. The infuser performs the final check when the clinician programs the infuser.

Bolus Limits (Plum 360 with Bolus)

Bolus Limits can be defined in three ways:

- **Pump Bolus Amount** allows you to define the pump bolus amount unit, set lower and upper limits, select the maximum bolus unit, and the maximum amount of medication that can be administered in a bolus.
- **Bolus Time Limits** allow you to define the time period over which a bolus can be administered. A minimum administration time for the bolus is defined as a lower limit, while a maximum administration time is defined as an upper limit.
- **Bolus Dose Rate Limits** allow you to define the rate at which a bolus can be administered.

 Note: If defining Bolus Rules using weight-based or BSA-based units: The Bolus Dose Rate limits can be defined based on weight only if the Bolus Amount units are also based on weight. The Bolus Dose Rate limits can be defined based on BSA only if the Bolus Amount units are also based on BSA.

Hospira MedNet Meds Software User Guide

Medication Entry Rules and Conventions

The Hospira MedNet Meds software uses the following conventions for Plum medication entries:

- Full or Limited rule sets require at least one hard or soft limit.
- You can create medication entries by adding them to the Master Drug Formulary or by adding them directly to a CCA. Medication entries added to a CCA Target List are automatically added to the Master Drug Formulary List.
- "Validity" messages appear in red at the bottom of the Rule Set window. When you enter a value that is not allowed, the message specifies the defined range for the field, or the reason the value is not permitted.
- You cannot use the following characters in the medication name: comma (,), less than (<), greater than (>), single quotation marks ('), inverted commas ("), and ampersand (&.)
- Once you select a medication unit, the dosing unit field will display only the enabled unit type.
- The software prohibits invalid numeric entries and signals such entries with an audible "beep."
- You may use the vertical and horizontal scroll bars to navigate to an entry.
- If you do not select or populate a required field, an error message appears.
- When you highlight an entry on the Drug Library Management list view, buttons or features that are not allowed appear as "greyed" or disabled.
- When you add a new medication in the Generic Name field of the rule set window, you may search for a medication by typing the first few characters of its generic name. The drop-down list will navigate to show any matching medications.

The Plum 360 Medication Rule Set

The Rule Set window shown here is used to configure a medication entry for the Plum 360 drug library.

Source List: Add Rule Set				×			
r Medication and Concentration							
Generic Name (External ID)(Strength / Volum	e) {Dosage Form}:					
DOPamine (EXT_ID_037) {Description_1_Include}							
Displayed Name:	Clas	s ID:					
DOPamine	Class_Descr_37	class_37					
Summary: DOPamine 200 mg	/ 5 mL for Clinical Use "'	' Dosed in mL/hr					
Rule Sets:							
Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg 5 Piggyback delivery allowed Allow piggyback to interrupt this infusion							
Clinical Use (optional)							
Dose Limits Dosing Unit: LHL: mL/hr	LSL:	USL:	UHL:				
Save & A <u>d</u> d Another Dosing Unit S <u>a</u> ve & Add Another Rule Set Save & Close <u>C</u> ancel <u>H</u> elp							

Plum 360 with Bolus Enabled

	Name (External ID) (Strengt	th / Volume) {Dosage	Form}:	
Amiodarone HCl (3540000500) (50 mg / 3 mL) {Via	al}			Select
Displayed Name:	Therapeutic C	Class:	Class ID:	
Amiodarone	CLASS III ANTIARRHYT	24040	420	
Summary: Amiodarone 450 mg / 25 Rule Sets: Full	50 mL for Clinical Use ""	Dosed in mg/min		
	nt Amount: mL		Piggyback delivery a	llowed
	nt Amount: mL		Allow piggyback to in	stormunt this infusio
450 mg v 250			Allow piggyback to in	nterrupt this infusion
linical Use (optional)				
f the Clinical Use is blank, it will be updated with the	value in the Default Clinical (Use from the Master Inf	user Setup.	
			· · ·	
Enable Bolus				
Pump Bolus Amount				
Pump Bolus Amount Unit: LHL:	LSL:	USL:	UHL:	_
mg			150	
Maximum Bolus Amount Unit: Maximum Bolus Am	nount:			
LHL:	LSL:	USL:	UHL:	
Bolus Time Limits (hh:mm):	:	:		
Bolus Dose Rate Unit:		LSL:	USL:	UHL:
Bolus Dose Rate Limits: mg/min			10	1
ose Limits				
Dosing Unit: LHL:	LSL: USL:	UHL:		
mg/min 🔻	1			

Hospira MedNet Meds Software User Guide

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Rule Set Fields

The following table lists the fields, a brief description, and allowed value range for the infuser.

Each medication entry must have a generic name and a displayed name; you cannot save a medication entry without a name in these fields. The number of characters in the displayed name is determined by how it is displayed on the infuser's screen. Depending on character width, the maximum number of characters allowed in a displayed name can vary from 17 to 29.

To avoid potential confusion when creating medication entries, use only the medication name in the **Displayed Name** field and ensure that the External ID is identical to the External ID used in your institution's formulary. Do not include the diluent as part of the medication name.

Parameter	Description	Allowable Range
Generic Name	This is the medication name from your Medication List. It is selected from the drop-down list and displays the External ID (the hospital's identifier for a medication). Strength/Volume and Dosage Form display only if part of your Medication List.	Not editable in the Rule Set
Displayed Name	This is the name that will be displayed on the infuser.	 Varies depending on the character width Cannot be blank Caution: You cannot use the following characters in the displayed name: comma (,), less than (<), greater than (>), single quotation marks ('), inverted commas ("), and ampersand (&.) Note: The display font changes on the Plum A+ infuser for lengthy displayed names.
Therapeutic Class	The therapeutic class assigned to the medication entries.	Not editable in the Rule Set
Class ID	The ID number for the therapeutic class assigned to the medication entry.	Not editable in the Rule Set
Medication Amount	Allows you to enter the medication amount in the units selected. The combination of medication amount, medication unit, and diluent amount creates the medication's concentration.	 For medication amounts in mcg, mg, grams, mEq, million units, or mmol: 0.1–9999 and "Blank" For medication amounts in units: 0.1–99999999 and "Blank"
Medication Unit	Allows you to select the unit of measure for your medication amount.	mcg, mg, grams, mEq, Million Units, mmol and units

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Parameter	Description	Allowable Range
Diluent Amount	Allows you to set the diluent amount associated with the medication entry. The diluent amount will vary depending on the container size, overfill, and volume of added solution.	• 0.1–9999 and "Blank"
Piggyback delivery allowed	Allows you to enable a piggyback infusion.	Checked to enable or Unchecked (does not allow the functionality)
Allow piggyback to interrupt this infusion	Allows you to configure whether this medication can be interrupted by a piggyback infusion.	Checked to enable or Unchecked (does not allow the functionality)
Dosing Unit	Allows you to set the standard dosing unit for the medication. This will be the default value displayed on the infuser.	For complete dosing units, please consult your infuser's System Operating Manual
LHL, LSL, USL, UHL	Lower hard limit, lower soft limit, upper soft limit, upper hard limit. Allows you to set the upper and/ or lower dose rate limits for the selected medication.	The units for the soft and hard limits are the same as the dosing units selected in the medication rule set
Enable Bolus (Plum 360 with Bolus)	Pump Bolus Amount Units, and Bolus Dose Rate Units are dependent upon the selection of the medication unit.	The medication unit selected will determine the allowable bolus units that can be selected from the available fields' drop-down list.
Note: Refer to your infuse	er's System Operating Manual for co	mplete details and allowable range.

Step-by-step Procedures

The following section provides step-by-step procedures that will enable you to create and manage medication entries. In this section you will learn how to do the following:

- Add a medication entry with a Full rule set in a CCA
- Add a medication entry with a Limited rule set in a CCA
- Add a medication entry with a Label Only rule set in a CCA
- Edit a medication entry in a CCA
- View a medication entry in a CCA
- Remove a medication entry from a CCA
- Add a medication entry with a Full rule set the Master Drug Formulary
- Add a medication entry with a Limited rule set to the Master Drug Formulary
- Add a Label Only medication entry to the Master Drug Formulary
- Edit a medication entry in the Master Drug Formulary
- View a medication entry in the Master Drug Formulary
- Delete a medication entry from the Master Drug Formulary
- Copy a medication entry from the Master Drug Formulary to a Target CCA

Working with CCA Medication Entries

Note: When adding medication entries to the Target List, both the selected CCA and the Master Drug Formulary are updated. When adding to the Source List, only the Master Drug Formulary is updated.

The maximum number of medication entries allowed in a CCA is 150-400 depending on your licencing.

In the Target List, the created medication entries are grouped by Displayed Name plus Concentration. If there is no grouping of medication entries with the same Displayed Name plus Concentration, the entry will go to the bottom of the list of medication entries.

Within the grouping there is a sorting

- a. Clinical Use with the Default setting of Clinical Use topping the series
- b. Each group in Alphabetical order
- c. Dosing units

To add a medication entry with a Full rule set in a CCA:

1. Select the desired CCA from the Target List drop-down list.

	let™ Meds™ - Use			
Drug Library Mana	igement Reports	CCA Setup Master Ir	nfuser Setup	
Einalize		2		
Target List: 5 \	Nest —			
 5 West	v	<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emove	
Generic Nar	e External ID	A Displayed Name	Concentration (or Container Volume)	
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Ful
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Ful
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Ful
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL _	Ful

2. From the Target List, click Add.

Hospira MedNet Meds Software User Guide

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- 3. Select the Generic Name of a medication.
- **Note:** Selecting a generic name from the list automatically populates the **Displayed Name**, **External ID**, **Therapeutic Class**, and **Class ID** fields.

Show generic names be	ginning with 💌				
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Forr
Clindamycin	Clindamycin	EXT_ID_031			code_4
Cotrimoxazole	Cotrimoxazole	EXT_ID_032			code_5
Cytarabine	Cytarabine	EXT_ID_033			code_6
Diltiazem	Diltiazem	EXT_ID_034			code_1
Diovan%	Diovan%	12345678			code_1
Diovan@	Diovan@	12345679			code_2
DOBUTamine	DOBUTamine	EXT_ID_035			code_2
Docetaxel	Docetaxel	EXT_ID_036			code_3
DOPamine	DOPamine	EXT_ID_037			code_4
DOXOrubicin	DOXOrubicin	EXT ID 038			code 5
DOPamine	DOPamine DOXOrubicin	EXT_ID_037	itrength (Vo	lume) (Do	code_4 code 5
DOPamine (EXT_ID_0	37) {Description_1_Include}		a ongary ve	Janey (Do	sage ronny.
Display	ed Name:	Therapeutic Class:		Cla	ss ID:
DOPamine		ass_Descr_37	class	37	

- **Note:** If the desired generic name is not in the **Generic Name** list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.
- **Note:** The **Displayed Name** can be changed as desired; for example, to accommodate Tall Man lettering or another unique name. The maximum number of characters in a Displayed Name is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
 - 4. Select Full (if not selected) from the Rule Sets drop-down list.

5. Enter a Medication Amount. Select a Medication Unit from the drop-down list and enter a Diluent Amount, if desired.

coprocini	Brand Name	External ID	Strength	Volume	Dosage Form	
Clindamycin	Clindamycin	EXT_ID_031			code_4	
Cotrimoxazole	Cotrimoxazole	EXT_ID_032			code_5	
Cytarabine	Cytarabine	EXT_ID_033			code_6	
Diltiazem	Diltiazem	EXT_ID_034			code_1	
Diovan%	Diovan%	12345678			code_1	
Diovan@	Diovan@	12345679			code_2	
DOBUTamine	DOBUTamine	EXT_ID_035			code_2	
Docetaxel	Docetaxel	EXT_ID_036			code_3	
DOPamine	DOPamine	EXT_ID_037			code_4	
houd the	bere tra	FUT TO GOO			· · -	
DOPamine (EXT_ID_037 Displayed DOPamine		Therapeutic Class: s Descr. 37	class		iss ID:	
Displayed DOPamine		Therapeutic Class: s_Descr_37	class			
Displayed			class		iss ID:	
Displayed DOPamine Rule Sets: Full	Class	s_Descr_37		_37		1
Displayed DOPamine Rule Sets: Full Concentration Medication Amount:	Medication Unit:	s_Descr_37 Diluent Amount: mL		_37	6 ack delivery allowed	
Displayed DOPamine Rule Sets: Full	Medication Unit:	s_Descr_37		_37	6	
Displayed DOPamine Rule Sets: Full Concentration Medication Amount: 400	Medication Unit:	s_Descr_37 Diluent Amount: mL		_37	6 ack delivery allowed	
Displayed DOPamine Rule Sets: Full Concentration Medication Amount:	Medication Unit:	s_Descr_37 Diluent Amount: mL		_37	6 ack delivery allowed	
Displayed DOPamine Rule Sets: Full Concentration Medication Amount: 400	Medication Unit:	s_Descr_37 Diluent Amount: mL		_37	6 ack delivery allowed	
Displayed DOPamine Rule Sets: Full Concentration Medication Amount: 400 Clinical Use (optional)	Medication Unit:	s_Descr_37 Diluent Amount: mL 250		_37	6 ack delivery allowed iggyback to interru 7	
Displayed DOPamine Rule Sets: Full Concentration Medication Amount: 400 Clinical Use (optional)	Medication Unit:	s_Descr_37 Diluent Amount: mL 250		_37	6 ack delivery allowed iggyback to interru 7	

- 6. Place a tick mark in the box next to Piggyback delivery allowed, if desired.
- 7. Place a tick mark in the box next to Allow piggyback to interrupt this infusion, if desired.
- 8. Enter a Clinical Use, if desired.
- 9. Click Next.

Hospira MedNet Meds Software User Guide

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- 10. Select the dosing unit from the drop-down list and enter the values for soft and hard limits. (You must specify at least one limit.)
- 11. Once you enter a value for Dosing Unit and dosing limit(s), you will be able to add three more dosing units, for a total of four dosing units for the selected medication entry with the same Displayed Name and Concentration.

You can add each selection by clicking the green plus "+" sign.

OPamine (EXT_ID_037) {Description_1_I	me (External ID) (Strength / Volum	רטרווון:
Displayed Name:	Therapeutic Class:	Class ID:
OPamine	Class_Descr_37	class_37
Rule Sets:		
ul 🔽		
Concentration		
Medication Amount: Medication	Unit: Diluent Amount: mL	Piggyback delivery allowed
400 mg	250	📕 📕 Allow piggyback to interrupt this infusior
Clinical Use:		
osing Units and Limits		
-		
-	400 mg / 250 mL for Clinical Us	e "" Dosed in mL/kg/day
Summary: DOPamine		e "" Dosed in mL/kg/da y
Summary: DOPamine add additional dosing units, click the "+" I ote: A tab with red text denotes incomplet	ab. e or invalid dosing unit and/or dosing	
Summary: DOPamine o add additional dosing units, click the "+" I ote: A tab with red text denotes incomplet	ab. e or invalid dosing unit and/or dosing	
Summary: DOPamine o add additional dosing units, click the "+" I ote: A tab with red text denotes incomplet	ab. e or invalid dosing unit and/or dosing	
Summary: DOPamine o add additional dosing units, click the "+" (ote: A tab with red text denotes incomplet (1) mL/kg/min (2) mL/hr (3) mL/	:ab. e or invalid dosing unit and/or dosing kg/day ≥ +	limits.
Summary: DOPamine o add additional dosing units, click the "+" (ote: A tab with red text denotes incomplet (1) mL/kg/min (2) mL/hr (3) mL/ Dosing Unit: LHL:	:ab. e or invalid dosing unit and/or dosing kg/day ≥ +	limits.
Summary: DOPamine o add additional dosing units, click the "+" (ote: A tab with red text denotes incomplet (1) mL/kg/min (2) mL/hr (3) mL/ Dosing Unit: LHL:	ab. e or invalid dosing unit and/or dosing kg/day	limits. USL: UHL:

- Note: A tab with red text denotes either incomplete or invalid dosing unit and/or dosing limits.
 - 12. Click Save & Add Another Rule Set, or Save & Close to add the medication entry to the CCA.

or

If you have a Bolus enabled infuser you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication (Optional).

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

For the Plum 360 with Bolus only:

odarone HCl (3540000500) (50 mg / 3 mL) {Vial} Displayed Name:				Select
	Therapeutic Class	5:	Class ID:	
odarone	CLASS III ANTIARRHYT	240404	20	
Summary: Amiodarone 450 mg / 250 Sets: Full	mL for Clinical Use "" Dos	ed in mg/min		
	Amount: mL		Piggyback delivery al	
cal Use (optional) e Clinical Use is blank, it will be updated with the va rable Bolus ump Bolus Amount				
Pump Bolus Amount Unit: LHL: mg Taximum Bolus Amount Unit: Maximum Bolus Amount Unit: Maximum Bolus Amount Unit:	LSL:	USL:	UHL:	
EHL:	LSL:	USL:	UHL:]
Bolus Dose Rate Unit:		LSL:	USL:	UHL:
Dosing Unit: LHL: I	LSL: USL:	UHL:		

To Set a Bolus:

a. Select the **Pump Bolus Amount Unit** from the drop-down list. (The allowable units are determined by the selection of Medication Unit.) Enter the desired values for Lower Hard Limit, Lower Soft Limit, Upper Hard Limit, and Upper Soft Limit.

Enter **Maximum Bolus Amount** and **Unit** if desired. These fields are enabled when the Bolus Amount Limits Unit is weight-based or BSA-based.

- b. Enter the desired values for **Bolus Time Limits**: Lower Hard Limit, Lower Soft Limit, Upper Hard Limit, and Upper Soft Limit.
- c. Select the Bolus Dose Rate Limits from the drop-down list and enter the desired values for Lower Hard Limit, Lower Soft Limit, Upper Hard Limit, and Upper Soft Limit.
- d. Click Save & Close.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To add a medication entry with a Limited rule set in a CCA:

- 1. Select the desired CCA from the Target List drop-down list.
- 2. From the Target List, click Add.

The second se	✓ Hospira MedNet™ Drug Library Managem			nfuser Setup
i.	Einalize		2	
	Target List: 5 Wes	st ———		
				1
	5 West		<u>A</u> dd <u>E</u> dit	View <u>R</u> emove
	Generic Name	External ID	Add Edit	
		External ID EXT_ID_002		Concentration
	Generic Name		Displayed Name	Concentration (or Container Volume)
	Generic Name Acyclovir	EXT_ID_002	Displayed Name Acyclovir	Concentration (or Container Volume) 500 mcg / 10 mL

- 3. Select the Generic Name of a medication.
- **Note:** Selecting a generic name from the list automatically populates the **Displayed Name**, External ID, Therapeutic Class, and Class ID fields.

5how generic names begi	nning with 💌				
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form
Diovan@	Diovan@	12345679			code_2
DOBUTamine	DOBUTamine	EXT_ID_035			code_2
Docetaxel	Docetaxel	EXT_ID_036			code_3
DOPamine	DOPamine	EXT_ID_037			code_4
DOXOrubicin	DOXOrubicin	EXT_ID_038			code_5
Drug '	Drug '	ext-1104			code_3
Drug&	Drug&	ext-1100			code_6
Epinephrine	Epinephrine	EXT_ID_039			code_6
Epoprostenol	Epoprostenol	EXT_ID_040			code_1
Entifibatida	Entifibatida	EVT TO 041	1		rode 2
elected Medication	Generic	: Name (External ID) (:	5trength / Vo	lume) (Do	sage Form}:
		Theorem and the classes		cl.	10.
Displayed Name:		Therapeutic Class:		Class ID: class 37	

- Note: If the desired generic name is not in the Generic Name list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new Medication List via the Medication Import function of the Hospira MedNet software.
 - 4. The **Displayed Name** can be changed as desired; for example, to accommodate Tall Man lettering or another unique name. The maximum number of characters in a Displayed Name is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.

- 5. Select Limited (if not selected) from the Rule Sets drop-down list.
- 6. Enter Container Volume, if desired.
- 7. Place a tick mark in the box next to Piggyback delivery allowed, if desired.
- 8. Place a tick mark in the box next to Allow piggyback to interrupt this infusion, if desired.
- 9. Enter a Clinical Use, if desired.

C			[[]]]]	11-1		
Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	_
ocetaxel	Docetaxel	EXT_ID_036			code_3	_
OPamine	DOPamine	EXT_ID_037			code_4	
OXOrubicin	DOXOrubicin	EXT_ID_038			code_5	
rug'	Drug '	ext-1104			code_3	
rug&	Drug&	ext-1100			code_6	
pinephrine	Epinephrine	EXT_ID_039			code_6	
poprostenol	Epoprostenol	EXT_ID_040			code_1	
ptifibatide	Eptifibatide	EXT_ID_041			code_2	
rythromycin	Erythromycin	EXT_ID_042			code_3	
Displayed	Name:	Therapeutic Class:		Cla	ss ID:	
OPamine		Therapeutic Class: ss_Descr_37	class		ss ID:	[
OPamine Rule Sets: imited			class		ss ID:]
OPamine Rule Sets: imited				_37	ss ID: ack delivery allowe	d
OPamine			,	_37		

10. Click Next.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- 11. Select the dosing unit from the drop-down list and enter the values for soft and hard limits. (You must specify at least one limit.)
- 12. Once you enter a value for Dosing Unit and dosing limit(s), you will be able to add three more dosing units, for a total of four dosing units for the selected medication entry with the same Displayed Name and Concentration.

arget List: Add Rule Set		<u></u>
- Medication Entry Generic Name (E	xternal ID) (Strength / Volum	e) {Dosage Form}:
DOPamine (EXT_ID_037) {Description_1_Includ	e}	
Displayed Name:	Therapeutic Class:	Class ID:
DOPamine	Class_Descr_37	class_37
Rule Sets:		
Limited		
Container Volume: mL		Figgyback delivery allowed
		Allow piggyback to interrupt this infusion
		L]
Clinical Use:		
l		
Dosing Units and Limits		
· ·	nine mL for Clinical Use	"" Dosed in
To add additional dosing units, click the "+" tab.		
Note: A tab with red text denotes incomplete or i	nvalid dosing unit and/or dosin 	g imits.
Dosing Unit: LHL:	LSL:	USL: UHL:
Select		
, ,	, , ,	
Save & Add Another Ru	le Set Save & Close	Cancel Help

You can add each selection by clicking the green plus "+" sign.

- Note: A tab with red text denotes either incomplete or invalid dosing unit and/or dosing limits.
 - 13. Click Save & Add Another Rule Set or Save & Close to add the medication entry to the CCA.

or

If you have a Bolus enabled infuser, you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication. See To Set a Bolus: on page 101.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To add a Label Only rule set medication entry in a CCA:

1. Select the desired CCA from the Target List drop-down list.

🗹 Hospira MedNet™				
Drug Library Manageme	ent Reports (ICA Setup 🛛 Master In	nfuser Setup	
Einalize		2		
 Target List: 5 Wes		<u>A</u> dd <u>E</u> dit	<u>V</u> iew <u>R</u> emove	
Generic Name	External ID	🔺 Displayed Name	Concentration (or Container Volume)	
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Ful
D O D O T GITIMITO				The set

- 2. From the Target List, click Add.
- 3. Select the Generic Name of a medication.
- **Note:** Selecting a **Generic Name** from the list automatically populates the **Displayed Name**, **External ID**, **Therapeutic Class**, and **Class ID** fields.

12345678 12345679 EXT_ID_035 EXT_ID_036 EXT_ID_037		code_1 code_2 code_2	2
EXT_ID_035 EXT_ID_036		code_2	
EXT_ID_036			
EXT_ID_037		code_3	
		code_4	-
EXT_ID_038		code_5	
ext-1104		code_3	
ext-1100		code_6	
EXT_ID_039		code_6	
EXT ID 040		code 1	
		Piggyback delivery allowed	
		Allow piggyback to interrup	t this infusion
	ext-1100 EXT_ID_039 EXT_ID_040	ext-1100 EXT_JD_039 EXT_ID_040 eric Name (External ID) (Strength / Volu Therapeutic Class: Class_Descr_37 Class_Cl	ext-1100 code_6 EXT_ID_039 code_6 EXT_ID_040 code 1 eric Name (External ID) (Strength / Volume) {Dosage Form}: Therapeutic Class: Class ID:

Note: If the desired generic name is not in the **Generic Name** list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- 4. The **Displayed Name** can be changed as desired; for example, to accommodate Tall Man lettering or another unique name. The maximum number of characters in a Displayed Name is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- 5. Select Label Only from the Rule Sets drop-down list.
- 6. Place a tick mark in the box next to Piggyback delivery allowed, if desired.
- 7. Place a tick mark in the box next to **Allow Piggyback to interrupt this infusion**, if desired.
- 8. Click Next.
- 9. Click Save & Add Another or Save & Close to add the medication entry to the CCA. or

If you have a Bolus enabled infuser, you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication. See To Set a Bolus: on page 101.

To edit a medication entry in a CCA:

1. Select the CCA containing the medication entry you want to view from the Target List drop-down list.

	🗹 Hospira MedNet™	'Meds™-User	Guide Library		1
	Drug Library Managem	ent Reports (ICA Setup 🛛 Master Ir	nfuser Setup	ļ
	Einalize			3	l l
	Target List: 5 Wes	t			
1	5 West	•	Add Edit	<u>V</u> iew <u>R</u> emove	{
				· ·	_
	Generic Name	External ID	 Displayed Name 	Concentration (or Container Volume)	Rule Set
	Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full
	Cefazolin	EXT_ID_018	Cefazolin	mg / mL	Full (
	DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full (
2	DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full (
_	DOPamine	EXT_ID_037	DOPamine	400 mg / 250 mL	Full

- 2. From the Target List, select the medication entry you want to edit.
- 3. Click Edit.

Helpful Hint: You can also double-click a medication entry to display the Rule Set dialogue box.

- 4. Make changes as desired.
- **Note:** You cannot change the **Therapeutic Class** or **Class ID** when editing a medication entry in a CCA.

	DOPamine (EXT_ID_037) {Description_1_Include}
	Displayed Name: Therapeutic Class: Class ID: DOPamine
	Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr
	Rule Sets:
	Ful
	Concentration
	200 mg V 5 V Allow piggyback to interrupt this infusion
Г	Clinical Use (optional)
	If the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.
Г	Dose Limits
	Dosing Unit: LHL: LSL: USL: UHL: mL/hr 1

- 5. Click Save & Close to save changes.
- **Note:** If the medication entry that is edited is assigned to only one CCA, the medication entry will also be updated with the same change in the Master Drug Formulary. If the medication entry that is edited is assigned to more than one CCA, a new medication entry will be created in the Master Drug Formulary.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To view a medication entry in a CCA:

1. Select the CCA containing the medication entry you want to view from the Target List drop-down list.

rug Library Managen	nent Reports	CCA Setup 🛛 Master Ir	nfuser Setup	
Einalize				
Target List: 5 We	st ———			
5 West	•	Add Edit (View Remove	
-			\sim	
Generic Name	External ID	A Displayed Name	Concentration (or Container Volume)	Rule S
	EXT ID 002	Acyclovir	500 mcg / 10 mL	Full
Acyclovir	LV1_10_005	MCYCIOVII	jobo meg / to me	Full
Acyclovir Cefazolin	EXT_ID_002	Cefazolin	mg /mL	Full
<u> </u>		· ·	2.	
Cefazolin	EXT_ID_018	Cefazolin	mg/mL	Full

- 2. From the Target List, select the medication entry you want to view.
- 3. Click View.

	e (External ID) (Strength / Volume) {E	Select	
OPamine (EXT_ID_037) {Description_1_Inc	iude}-		
Displayed Name:	Therapeutic Class:	Class ID:	
OPamine			
Summary: DOPamine 200	mg / 5 mL for Clinical Use " "Dos	ed in mL/hr	
•	, ,		
Rule Sets:			
uli 👻			
_			
Concentration		Piggyback delivery allowed	
Medication Amount: Medication U	nit: Diluent Amount: mL	 Figgyback delivery allowed 	
200 mg	5	Allow piggyback to interrupt this infusio	n
1 1 -			
inical Use (optional)			
	_		
	th the value in the Default Clinical Use fr	om the Master Infuser Setup.	
the Clinical Use is blank, it will be updated wi			
ose Limits	101.		
Dosing Unit: LHL:	LSL:	USL: UHL:	
ose Limits	LSL:	USL: UHL:	

4. Click **Close** to exit the screen.

109

To remove a medication entry from a CCA:

1. Select the CCA containing the medication entry you want to remove from the Target List drop-down list.

Hospira MedNet ¹				
rug Library Managen	nent Reports	CCA Setup 🛛 Master Ii	nfuser Setup	
Einalize				
Target List: 5 We	st —			
5 West	v	<u>A</u> dd <u>E</u> dit	View Remove	\supset
Generic Name	External ID	A Displayed Name	Concentration (or Container Volume)	Rule Se
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full
e e e e e e e e e e e e e e e e e e e		1	lana ta t	
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full

- 2. Select the medication entry you want to remove.
- 3. Click Remove.

S Confirm Remove from CCA	×
Remove from: 5 West	
Medication Entries	
DOPamine 200 mg / 5 mL	
Remove Gancel Help	

4. At the confirmation to remove from the CCA, click Remove.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Working with the Master Drug Formulary

The Master Drug Formulary can contain medication entries not assigned to a CCA, to facilitate later use. The total number of medication entries in the Master Drug Formulary for the Plum A+ infuser cannot exceed 3510.

To add a medication entry with a Full rule set to the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

	Source List: Master Drug Formul			View Delete	
	Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set
	DOPamine	EXT ID 037	DOPamine	mL	Limited
L	Hydromorphone	EXT_ID_054	Hydromorphone		Label Only
L	Morphine	EXT_ID_072	Morphine		Label Only
l	Morphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full
L	No Drug Selected		No Drug Selected		Label Only
L	Vancomycin	EXT_ID_097	Vancomycin		Label Only
I	,				I
Lil	brary Name: User Gu	uide Library		Infuse	r: Plum A+ :

- 2. From the Source List, click Add.
- 3. Select the Generic Name for the medication entry.
- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.

Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form
-panbaade	cpanoadae	LVI_10_041			coue_z
Erythromycin	Erythromycin	EXT_ID_042			code_3
Esmolol	Esmolol	EXT_ID_043			code_1
Etoposide	Etoposide	EXT_ID_044			code_2
Famotidine	Famotidine	EXT_ID_045			code_3
Fentanyl	Fentanyl	EXT_ID_046			code_4
Fluconazole	Fluconazole	EXT_ID_047			code_5
Flumazenil	Flumazenil	EXT_ID_048			code_6
.orazepam	Lorazepam	EXT_ID_062			code_2
Magnesium	Magnesium	EXT_ID_063			code_3
	kait_	EVT TO OCA	1 1		
elected Medication — Fentanyl (EXT_ID_04	Generic 6) {Description_1_Include}	Name (External ID)(Strength / Vo	lume) (Do	osage Form}:
	anyl				

4. Click Select Medication.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a medication name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.
 - 5. Select Full (if not already selected) from the Rule Sets drop-down list.
 - 6. Enter a Medication Amount (optional), select the Medication Unit and Diluent Amount (optional.)

		me (External ID) (Strength / Volume	<pre>/ {Dosage Form}:</pre>	
Fentanyl (EXT_ID	_046) {Description_1_Inc	lude}		<u>S</u> elect
	played Name:	Therapeutic Class:	Class ID:	_
Fentanyl		Class_Descr_46	class_46	
Sun	nmary: Fentanyl 250 r	mcg / 5 mL for Clinical Use "" [Dosed in mcg	
Rule Sets:				
Full	-			
, Canada Marking				
Concentration — Medication Arr	ount: Medication	Unit: Diluent Amount: mL	Piggyback delivery allowed	
250			Allow piggyback to interrupt (his infusion
200	mcg		Allow piggyback to interrupt t	unis ini usion
Clinical Use (optiona	il) ————			
If the Clinical Use is	blank, it will be updated v	with the value in the Default Clinical U	se from the Master Infuser Setup.	
Dose Limits				
Dosing Unit:	LHL:	LSL:	USL: UHL:	
mcg	•	4		

- 7. Select the dosing unit and type the values for soft and hard limits. (You must specify at least one limit.)
- 8. Click Save & Add Another Dosing Unit or Save & Close

or

If you have a Bolus enabled infuser, you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication. See To Set a Bolus: on page 101.

Note: When a medication entry is added to the Master Drug Formulary, it is not assigned to a CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To add a Limited rule set medication entry to the Master Drug Formulary:

- 1. Select Master Drug Formulary as the Source List.
- 2. From the Source List, click Add.

Master Drug Formu	lary 🔽 🔍	A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete	
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule S
DOPamine	EXT ID 037	DOPamine	mL	Limited
Hydromorphone	EXT_ID_054	Hydromorphone		Label Only
Morphine	EXT_ID_072	Morphine		Label Onl
Morphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full
No Drug Selected		No Drug Selected		Label Onl
Vancomycin	EXT_ID_097	Vancomycin		Label Onl
, 				•

- 3. Select the Generic Name for the medication entry.
- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.

Generic Name	Brand Name	External ID	Strength	Volume	Dosage Form	
Indansetron	Ondansetron	EXT_ID_077			code_2	
Dxacillin	Oxacillin	EXT_ID_079			code_4	-
Dxytocin	Oxytocin	EXT_ID_080			code_5	
Paclitaxel	Paclitaxel	EXT_ID_081			code_6	
antoprazole	Pantoprazole	EXT_ID_082			code_1	
Penicillin	Penicillin	EXT_ID_083			code_2	
Pentobarbital	Pentobarbital	EXT_ID_084			code_3	
Phenylephrine	Phenylephrine	EXT_ID_085			code_1	
Piperacillin	Piperacillin	EXT_ID_086			code_2	
Potassium	Potassium	EXT_ID_087			code_3	
Procainamide	Procainamide	EXT_ID_088			code_4	
Propofol	Propofol	EXT_ID_089			code_5	
Ranitidine	Ranitidine	EXT_ID_090			code_6	
TREPTOkinase	STREPTOkinase	EXT_ID_091			code_1	
heophylline	Theophylline	EXT_ID_092			code_2	
'his is a very long Generic	This is a very long Generic	EXT_ID_100			code_4	
'his is a very long Generic	This is a very long Generic	Long EXTERNAL			code_5	
ïcar-clavulanate	Ticar-clavulanate	EXT_ID_093			code_3	
irofiban	Tirofiban	EXT_ID_094			code_4	
obramycin	Tobramycin	EXT_ID_095			code_5	
JROkinase	UROkinase	EXT_ID_096			code_6	
/ancomycin	Vancomycin	EXT_ID_097			code_1	
/assopressin		123				
elected Medication	{Description_4_Exclude}	me (External ID) (S	trength / Vo	lume) (Do	osage Form}:	

4. Click Select Medication.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a displayed name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.
 - 5. Select Limited from the Rule Sets drop-down list.

Vancomycin (EXT_ID_097) {Descrip	ric Name (External ID) (Strength / Volum	Sel
Wancomycin (EX1_ID_097) (Descrip	don_4_exclude;	
Displayed Name:	Therapeutic Class:	Class ID:
Vancomycin	Class_Descr_97	class_97
Summary: Vancom	ycin mL for Clinical Use "" Dose	d in mL/hr
	···· = ···· - ···· = ····	,
Rule Sets:		
Limited		
Container Volume: mL		Piggyback delivery allowed
		Allow piggyback to interrupt this infu
L		
Clinical Use (optional)		
	dated with the value in the Default Clinical	lise from the Master Infuser Setup.
If the Clinical Use is blank, it will be up		
If the Clinical Use is blank, it will be up		· · ·
Dose Limits		
Dose Limits L	HL: LSL:	USL: UHL:
Dose Limits		USL: UHL:

- 6. Enter the Container Volume amount (optional).
- 7. Select mL/hr and enter the values for soft and hard limits. (You must specify at least one limit.)
- 8. Click Save & Add Another Dosing Unit or Save and Add Another Rule Set or Close

or

If you have a Bolus enabled infuser, you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication. See To Set a Bolus: on page 101.

Note: When a medication entry is added to the Master Drug Formulary, it is not assigned to a CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To add a Label Only medication entry to the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

Master Drug Formu	lary 🔽 🔍	Add Edit	Vie <u>w</u> Delete	
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule S
DOPamine	EXT ID 037	DOPamine	mL	Limited
Hydromorphone	EXT ID 054	Hydromorphone		Label Only
Morphine	EXT_ID_072	Morphine		Label Only
Morphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full
No Drug Selected		No Drug Selected		Label Only
Vancomycin	EXT_ID_097	Vancomycin		Label Only
				•

- 2. From the Source List, click Add.
- 3. Select the Generic Name for the medication entry.
- **Note:** Selecting a **Generic Name** from the drop-down list automatically populates the **Displayed Name**, **External ID**, **Therapeutic Class**, and **Class ID** fields.

litaxel htoprazole hicillin	EXT_ID_080 EXT_ID_081 EXT_ID_082 EXT_ID_083			code_5 code_6 code_1		
ntoprazole nicillin	EXT_ID_082 EXT_ID_083			code_1		
nicillin	EXT_ID_083			-		
ntobarbital				code_2		
	EXT_ID_084			code_3		
enylephrine	EXT_ID_085			code_1		
assium	EXT_ID_087			code_3		
cainamide	EXT_ID_088			code_4		
pofol	EXT_ID_089			code_5		
nitidine	EXT_ID_090			code_6		
	EXT_ID_091					
				code_2		
				code_4		
				-		
ar-clavulanate	EXT_ID_093			code_3		
ofiban	EXT_ID_094			code_4		
	EXT_ID_095					
Okinase	EXT_ID_096			code_6		
				code_1		
	123					
rapamil	EXT_ID_099					
CRIStine	Long EXTERNAL			code_2		-
	assium cainamide soofol itidine EPTOkinase Deptylline is a very long Generic is a very long Generic is a very long Generic is a very long Generic is a very long Generic fiban ramycin bkinase comycin apamil	assium EXT_ID_087 cainamide EXT_ID_088 bofol EXT_ID_090 ETOKinase EXT_ID_091 ophylline EXT_ID_091 ophylline EXT_ID_092 is a very long Generic EXT_ID_093 fiban EXT_ID_093 fiban EXT_ID_094 ramycin EXT_ID_095 bkinase EXT_ID_096 comycin EXT_ID_096 comycin EXT_ID_096 comycin EXT_ID_096 comycin EXT_ID_096 comycin EXT_ID_096 comycin EXT_ID_097	assium EXT_ID_087 cainamide EXT_ID_088 porfol EXT_ID_090 EPTOkinase EXT_ID_091 ophylline EXT_ID_092 is a very long Generic EXT_ID_092 ris a very long Generic EXT_ID_093 fiban EXT_ID_094 ramycin EXT_ID_095 kkinase EXT_ID_096 comycin EXT_ID_096 Iz3 EXT_ID_097	assium EXT_ID_087	EXT_ID_087 code_3 cainamide EXT_ID_088 code_4 cofol EXT_ID_089 code_5 bofol EXT_ID_090 code_6 ETTOKinase EXT_ID_091 code_1 ophylline EXT_ID_092 code_1 ophylline EXT_ID_092 code_4 :is a very long Generic EXT_ID_093 code_5 :is a very long Generic Long EXTERNAL code_5 :is a very long Generic EXT_ID_093 code_4 :is a very long Generic Long EXTERNAL code_5 :is a very long Generic EXT_ID_093 code_4 :aranycin EXT_ID_094 code_4 comycin EXT_ID_095 code_6 comycin EXT_ID_096 code_6 comycin EXT_ID_097 code_1 apamil EXT_ID_099 code_3	EXT_ID_087 code_3 cainamide EXT_ID_088 code_4 cofol EXT_ID_089 code_5 itidime EXT_ID_090 code_6 EPTOkinase EXT_ID_091 code_1 ophylline EXT_ID_092 code_1 ophylline EXT_ID_092 code_4 :is a very long Generic EXT_ID_093 code_5 :is a very long Generic Long EXTERNAL code_5 :is a very long Generic Long EXTERNAL code_3 fiban EXT_ID_093 code_4 ramycin EXT_ID_094 code_4 ramycin EXT_ID_095 code_5 xkinase EXT_ID_096 code_6 comycin EXT_ID_097 code_1 123 magamil EXT_ID_099 code_3

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a displayed name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

ource List: Add Rule Set			>
Medication and Concentration	e (Eukeneel ID) (Ekseneth (Velume)	(Danage Farm)	
Vassopressin (123)	e (External ID) (Strength / Volume)	· · ·	<u>S</u> elect
Displayed Name:	Therapeutic Class:	Class ID:	
Vassopressin			
Summary: ¥assopressin Rule Sets: Label Only			
		Piggyback delivery allowed	
		Allow piggyback to interrupt this in	nfusion

- 4. Select Label Only from the Rule Sets drop-down list.
- 5. Place a tick mark in the box next to **Piggyback delivery allowed**, if desired.
- 6. Click Save & Add Another Rule Set or Save & Close

or

If you have a Bolus enabled infuser, you can place a tick mark next to **Enable Bolus** if you want to set bolus dose limits for this medication. See To Set a Bolus: on page 101.

Note: When a medication entry is added to the Master Drug Formulary, it is not assigned to any CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To edit a medication entry in the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

Master Drug Formul			Vie <u>w</u> Deļete	
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Fu
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Ful
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Ful
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Ful
DOPamine	EXT_ID_037	DOPamine	400 mg / 250 mL	Ful
DOPamine	EXT_ID_037	DOPamine	mL	Lim
J= · ·		L	· ·- ·	
Library Name: User G	uide Library		Infuse	r: P

- 2. From the Source List, select the medication entry you want to edit.
- 3. Click Edit.

Helpful Hint: You can also double-click a medication entry to display the Rule Set dialogue box.

4. Make changes as desired.

ource List: Edit Rule Set			×
Medication and Concentration		(c))	
	(External ID) (Strength / Volume)	<u> </u>	
DOPamine (EXT_ID_037) {Description_1_Includ	e}	Selec	х
Displayed Name:	Therapeutic Class:	Class ID:	
DOPamine			
Summary: DOPamine 200 mg) / 5 mL for Clinical Use "" D	osed in mL/hr	
Rule Sets:			
Full			
Concentration			
Medication Amount: Medication Unit:	Diluent Amount: mL	Piggyback delivery allowed	
200 mg	▼ 5	Allow piggyback to interrupt this infusion	oni
-Clinical Use (optional)			
, If the Clinical Use is blank, it will be updated with t	the value in the Default Clinical Use	e from the Master Infuser Setup.	
Dose Limits			
Dosing Unit: LHL:	LSL:	USL: UHL:	
mL/hr 🗾 1			
Sav	e & Close Cancel He		

5. Click Save & Close to save changes.

Changing the dosing unit or medication unit will erase all previously Important: entered limits.

Note: When a medication entry is edited, the changes are reflected in the Master Drug Formulary and a confirmation pop-up displays the CCAs that are affected.

Hospira MedNet Meds Software User Guide Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To view a medication entry in the Master Drug Formulary:

1. Select Master Drug Formulary from the Source List.

Master Drug Formu	ilary 🗾 🔄	A <u>d</u> d Edi <u>t</u>		
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule S
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full
DOPamine	EXT_ID_037	DOPamine	400 mg / 250 mL	Full
DOPamine	EXT_ID_037	DOPamine	mL	Limited
		- · ·	· ·	

- 2. From the Source List, select the medication entry you want to view.
- 3. Click View.

Displayed Name: Therapeutic Class: Class ID: DOPamine Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg S Clinical Use (optional) f the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Displayed Name: Therapeutic Class: Class ID: DOPamine Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration Medication Unit: Diluent Amount: mL	Displayed Name: Therapeutic Class: Class ID: DOPamine Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration	<u>5</u> elect
Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg 5 Inical Use (optional)	Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg 5 Inical Use (optional)	Concentration	
Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg S Piggyback delivery allowed Allow piggyback to Interrupt this infu inical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Concentration Medication Amount: Medication Unit: Diluent Amount: mL 200 mg S Piggyback delivery allowed Allow piggyback to Interrupt this infu inical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. ase Limits	Summary: DOPamine 200 mg / 5 mL for Clinical Use "" Dosed in mL/hr Rule Sets: Full Concentration	
Rule Sets: 'ull Concentration Medication Amount: Medication Unit: 200 mg is Piggyback delivery allowed Image: State of the clinical Use (optional) S Itel Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Rule Sets: 'ull Concentration Medication Amount: Medication Unit: 200 mg is Image: Signal Si	Rule Sets:	
Rule Sets: 'ull Concentration Medication Amount: Medication Unit: 200 mg is Piggyback delivery allowed Image: State of the clinical Use (optional) S Itel Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Rule Sets: 'ull Concentration Medication Amount: Medication Unit: 200 mg is Image: Signal Si	Rule Sets:	
Concentration Medication Amount: Medication Unit: Diluent Amount: mL Piggyback delivery allowed Allow piggyback to interrupt this infu nical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Concentration Medication Amount: Medication Unit: Diluent Amount: mL Piggyback delivery allowed Allow piggyback to interrupt this infu Initial Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits	Concentration	
Concentration Medication Amount: Medication Unit: Diluent Amount: mL Piggyback delivery allowed Allow piggyback to interrupt this infu nical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Concentration Medication Amount: Medication Unit: Diluent Amount: mL Piggyback delivery allowed Millow piggyback to interrupt this infu Allow piggyback to interrupt this infu nical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits		
Medication Amount: Medication Unit: Diluent Amount: mL 200 mg is mical Use (optional) intervent this infu	Medication Amount: Medication Unit: Diluent Amount: mL 200 mg Image: Signal Signa	View Piggyback delivery allowed	
Medication Amount: Medication Unit: Diluent Amount: mL 200 mg is Medication Unit: Diluent Amount: mL Medication Amou	Medication Amount: Medication Unit: Diluent Amount: mL 200 mg is incal Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits	Piggyback delivery allowed	
Medication Amount: Medication Unit: Diluent Amount: mL 200 mg S Allow piggyback to interrupt this infu Allow piggyback to interrupt this infu inical Use (optional) the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	Medication Amount: Medication Unit: Diluent Amount: mL 200 mg S Allow piggyback to interrupt this infu the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits	Medication Amount: Medication Unit: Diluent Amount: mL	
the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.		
the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits	200 mg y 5 Allow piggyback to interrupt this in	fusior
the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. se Limits	,,	
the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup.	the Clinical Use is blank, it will be updated with the value in the Default Clinical Use from the Master Infuser Setup. ose Limits		
	se Limits	nical Use (optional)	
	se Limits		
	se Limits	the Clinical Lice is blank, it will be undated with the value in the Default Clinical Lice from the Master Infuser Setur	
se Limits		une clinical use is blank, it will be updated with the value in the behadit clinical use from the master thruser betup.	
	Dosing Unit: LHL: LSL: USL: UHL:	ise Limits	
Dosing Unit: LHL: LSL: USL: UHL:			
nL/hr 🔽 1	aL/hr 🔽 1		
		Dosing Unit: LHL: LSL: USL: UHL:	_

4. Click Close to exit the screen.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To delete a medication in the Master Drug Formulary:

1. Select Master Drug Formulary from the Source List.

Master Drug Formul	ary 💌 📃	A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete	₽
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule
Acyclovir	EXT_ID_002	Acyclovir	500 mcg / 10 mL	Full
Cefazolin	EXT_ID_018	Cefazolin	mg /mL	Full
DOBUTamine	EXT_ID_035	DOBUTamine	250 mcg / 20 mL	Full
DOPamine	EXT_ID_037	DOPamine	200 mg / 5 mL	Full
DOPamine	EXT_ID_037	DOPamine	400 mg / 250 mL	Full
DOPamine	EXT_ID_037	DOPamine	mL	Limited
	·	L		•

- 2. From the Source List, select the medication entry you want to delete.
- 3. Click Delete.

Source List: Delete Rule Set		X
Medication and Concentration	External ID) (Strength / Volume) {	Dosage Form}:
DOPamine (EXT_ID_037) {Description_1_Include		Select
Displayed Name:	Therapeutic Class:	Class ID:
DOPamine		
, Summary: DOPamine 200 mg ,	′ / 5 mL for Clinical Use " " Do	sed in mL/hr
Rule Sets:		
Concentration	Diharah Assaulta ad	Viggyback delivery allowed
Medication Amount: Medication Unit:	Diluent Amount: mL	Allow piggyback to interrupt this infusion
Clinical Use (optional) If the Clinical Use is blank, it will be updated with th	ne value in the Default Clinical Use I	rom the Master Infuser Setup.
Dosing Unit: LHL:	LSL:	USL: UHL:
	elete <u>C</u> ancel <u>H</u> elp]

4. Click Delete.

The following pop-up will display only if the medication entry is assigned to one or more CCA.

d Delete Medication	×
Deleting this medication entry will remove it from the master formulary as well as from the following CCAs: 5 West	
<u>OK</u> <u>C</u> ancel	

5. Click OK.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To copy to Target CCA:

- 1. Select a medication entry from the Master Drug Formulary.
- **Note:** A Target List CCA must be selected before you can copy a medication entry to a Target CCA from the Master Drug Formulary.
 - 2. Click Copy to Target CCA.

Master Drug Formu	lary 🔽	A <u>d</u> d Edi <u>t</u>	Vie <u>w</u> Delete		<	Copy to Ta	rget CCA	>
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Indication	Dosing Unit	Lower Hard Limit	Lowe Soft L
Morphine	EXT ID 072	Morphine		Label Only		mL/hr		
Morphine	EXT_ID_072	Morphine PCA	30 mg / 30 mL	Full		mg/hr		1
No Drug Selected		No Drug Selected		Label Only		mL/hr		
Vancomycin	EXT_ID_097	Vancomycin		Label Only		mL/hr		
Vancomycin	EXT_ID_097	Vancomycin	mL	Limited	NOT SPECI	mL/hr		
Vassopressin	123	Vassopressin		Label Only				
,				4				

3. Click Copy on the Confirm Copy to CCA pop-up.

🗹 Confirm Copy to CCA	×
Copy from: Master Drug Formulary	
Copy to: 5 West	
Medication Entries	
VancomycinmL	
1	
Copy Cancel Help	

121

Part 2: Plum A+ Defining Rule Sets

Full Rule Set

A Full rule set allows you to enter a complete concentration (for example, 250 mg/500 mL) or partial concentration (for example, 250 mg/_ mL, _mg/500 mL or, _mg/_mL.) Creating a medication entry for the standard concentrations of any medication reduces the number of programming steps on the infuser for the clinician. At least one dosing limit value **must** be entered for each Full rule set.

Source List: Add Rule Set			×
Generic Name (E)	xternal ID) (Strength / Volume) {Do	sage Form}:	
DOPAMINE (1044) (200 MG / 5 ML) {VIAL}			*
Displayed Name:	Therapeutic Class:	Class	ID:
DOPAMINE	BETA-ADRENERGIC AGONISTS\1	. 12:12.08	
Summary: DOPAMINE 200 mg	g / 5 mL Dosed in mL/hr		
Rule Sets:			
Full			
Medication Amount: Medication Unit:	Diluent Amount: mL		
200 mg	5		
Dosing Unit: LHL:	LSL:	USL:	UHL:
mL/hr 🔽 1			
Save & Add Anothe	r Save & Close <u>C</u> ancel	<u>H</u> elp	

Leaving the medication or diluent amounts blank allows the clinician to enter a non-standard concentration at the time of programming. Full rule sets defined with a partial concentration will require the clinician to enter the concentration values when the dosing units are not mL/hr. When the dosing units are mL/hr, you do not have to enter concentration information.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Limited Rule Set

A Limited rule set does not require a concentration to be defined. At least one dosing limit value must be entered for each Limited rule set. The Container Volume field is optional. When programming the infuser for a medication with a Limited rule set, the clinician enters only the rate, volume to be infused (VTBI) and duration.

Source List: Add Rule	Set				×	
Generic Name (External ID) (Strength / Volume) {Dosage Form}:						
DOPAMINE (1734) (40 P	MG / 1 ML) {**}				~	
Displayed N	Name:	Therapeutic Cla	iss:	Class ID:		
DOPAMINE		BETA-ADRENERGIC AG	SONISTS 12:12.08			
Summary:	DOPAMINE mL Do	sed in mL/hr				
Rule Sets:						
Limited 🔽						
Container Volume: mL						
Dosing Unit:	LHL:	LSL:	USL:	UHL:		
mL/hr 🔽	10					
	Save & Add Another	Save & Close	<u>C</u> ancel <u>H</u> elp)		

Label Only Rule Set

A Label Only rule set allows the clinician to see the medication name displayed on the infuser. There are no dosing limits associated with a Label Only rule set. The clinician selects the dosing units during programming. If the dosing units are not mL/hr, the clinician also enters the concentration values.

Source List: Add Rule Set			×
Generic Name (Ext	ernal ID) (Strength / Volume) {Dosa	ge Form}:	
HYDROCORTISONE (191) (100 MG / 2 ML) {	/IAL}		*
Displayed Name:	Therapeutic Class:	Class ID:	
HYDROCORTISONE	ADRENALS	68:04.00	
Summary: HYDROCORTISONE Rule Sets: Label Only	Save & Close Cancel	Help	

Each type of rule set will create a different display for the medication in the Drug List on the infuser.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

You can create medication entries by adding them to the Master Drug Formulary or by adding them directly to a CCA. Medication entries added to a CCA are automatically added to the Master Drug Formulary.

Within a CCA, no two medication entries may have exactly the same External ID and Concentration. Also, no two medication entries may have exactly the same Displayed Name and Concentration.

In the Master Drug Formulary, two medication entries may have the same display name, medication amount, medication unit, diluent amount, and dosing units, as long as one or more of the following limits are different:

- Lower soft limit (LSL)
- Lower hard limit (LHL)
- Upper soft limit (USL)
- Upper hard limit (UHL)

Setting Dose Rate Limits

Hospira MedNet Meds allows you to define dose rate limits for both primary and secondary infusions. It is important that you understand how the dose rate limits function so please read this section carefully.

You can define upper and lower soft and hard limits as part of the rule set for each medication entry that you create in the library. As you configure the limits, the software enforces the following rule:

Lower Hard Limit (LHL) < Lower Soft Limit (LSL) <= Upper Soft Limit (USL) < Upper Hard Limit (UHL)

Soft Limits

Soft Limits are dose rate limits that can be overridden when programming the infuser. When a value entered on the infuser is lower than the lower soft limit or higher than the upper soft limit, the infuser displays a soft limit override confirmation message. The infuser records soft limit alerts and the user's response to the alert in its history logs.

For example, if the upper soft limit is set to 15 mL/hr and the clinician enters 16 mL/hr, the infuser will display a soft limit override alert. This alert notifies the clinician that the entry is outside the range of the soft limits set for that medication entry. The clinician can choose to continue programming using the override, or cancel the override and edit the value. Both the override and edit events are recorded separately in the infuser's history log.

Hard Limits

Hard limits are dose rate limits that cannot be overridden. The infuser cannot be programmed with a rate that is lower than the lower hard limit or higher than the upper hard limit. (These events are not recorded in the infuser's history log file for Plum infusers with software versions prior to version 13.4.)

Note: The actual patient weight is not entered until the clinician programs the infuser. Therefore, Hospira MedNet Meds software cannot verify the validity of a lower limit when entering a weight-based medication entry. The infuser performs the final check when the clinician programs the infuser.

Medication Entry Rules and Conventions

The Hospira MedNet Meds software uses the following conventions for Plum A+ medication entries:

- Full or Limited rule sets require at least one hard or soft limit.
- You can create medication entries by adding them to the Master Drug Formulary or by adding them directly to a CCA. Medication entries added to a CCA Target List are automatically added to the Master Drug Formulary List.
- "Validity" messages appear in red at the bottom of the Rule Set window. When you enter a value that is not allowed, the message specifies the defined range for the field, or the reason the value is not permitted.
- You cannot use the following characters in the medication name: comma (,), less than (<), greater than (>), single quotation marks ('), inverted commas ("), and ampersand (&.)
- Once you select a medication unit, the dosing unit field will display only the enabled unit type.
- The software prohibits invalid numeric entries and signals such entries with an audible "beep."
- You may use the vertical and horizontal scroll bars to navigate to an entry.
- If you do not select or populate a required field, an error message appears.
- When you highlight an entry on the Drug Library Management list view, buttons or features that are not allowed appear as "greyed" or disabled.
- When you add a new medication in the Generic Name field of the rule set window, you may search for a medication by typing the first few characters of its generic name. The drop-down list will navigate to show any matching medications.

The Plum A+ Medication Rule Set

The Rule Set window shown here is used to configure a medication entry for the Plum A+ drug library.

Source List: Add Rule Set					×
Gene	eric Name (Externa	al ID) (Strength / Volun	ne) {Dosage Form}:		
OXYTOCIN (537) (10 UNITS /	1 ML) {VIAL}				*
Displayed Name:		Therapeutic Class	5:	Class ID:	
OXYTOCIN	0	XYTOCICS	76:00.0	0	
Summary: OXYT	OCIN 10 units / 1	000 mL Dosed in ml	L/hr		
Rule Sets:					
Full 🗸					
	ledication Unit:	Diluent Amount: mL			
10 units		1000	7		
Dosing Unit:	LHL:	LSL:	USL:	UHL:	
mL/hr 🛛 🗸					
Please specify at le	ast one limi	t.			
S <u>a</u> ve	& Add Another	Save & Close	Cancel <u>H</u> elp		

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Rule Set Fields

The following table lists the fields, a brief description and allowed value range for the infuser.

Each medication entry must have a generic name and a displayed name; you cannot save a medication entry without a name in these fields. The number of characters in the displayed name is determined by how it is displayed on the infuser's screen. Depending on character width, the maximum number of characters allowed in a displayed name can vary from 17 to 29.

To avoid potential confusion when creating medication entries, use only the medication name in the **Displayed Name** field and ensure that the external ID is identical to the external ID used in your institution's formulary. Do not include the diluent as part of the medication name.

Parameter	Description	Allowable Range
Generic Name	This is the medication name from your Medication List. It is selected from the drop-down list and displays the External ID (the hospital's identifier for a medication). Strength/Volume and Dosage Form display only if part of your Medication List.	Not editable in the Rule Set
Displayed Name	This is the name that will be displayed on the infuser.	 Varies depending on the character width Cannot be blank Caution: You cannot use the following characters in the displayed name: comma (,), less than (<), greater than (>), single quotation marks ('), inverted commas ("), and ampersand (&.) Note: The display font changes on the Plum A+ infuser for lengthy displayed names.
Therapeutic Class	The therapeutic class assigned to the medication entries.	Not editable in the Rule Set
Class ID	The ID number for the therapeutic class assigned to the medication entry.	Not editable in the Rule Set
Medication Amount	Allows you to enter the medication amount in the units selected. The combination of medication amount, medication unit, and diluent amount creates the medication's concentration.	 For medication amounts in mcg, mg, grams, mEq, million units, or mmol: 0.1–9999 and "Blank" For medication amounts in units: 0.1–99999999 and "Blank"
Medication Unit	Allows you to select the unit of measure for your medication amount.	mcg, mg, grams, mEq, Million Units, mmol and units

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Parameter	Description	Allowable Range					
Diluent Amount	Allows you to set the diluent amount associated with the medication entry. The diluent amount will vary depending on the container size, overfill, and volume of added solution.	• 0.1–9999 and "Blank"					
Dosing Unit	Allows you to set the standard dosing unit for the medication. This will be the default value displayed on the infuser.	For complete dosing units, please refer to your infuser's System Operating Manual					
LHL, LSL, USL, UHL	Lower hard limit, lower soft limit, upper soft limit, upper hard limit. Allows you to set the upper and/ or lower dose rate limits for the selected medication.	The units for the soft and hard limits are the same as the dosing units selected in the medication rule set					
Note: Refer to your infuse	Note: Refer to your infuser's System Operating Manual for complete details and allowable range.						

Step-by-step Procedures

The following section provides step-by-step procedures that will enable you to create and manage medication entries. In this section you will learn how to do the following:

- Add a medication entry with a Full rule set in a CCA
- Add a medication entry with a Limited rule set in a CCA
- Add a medication entry with a Label Only rule set in a CCA
- Edit a medication entry in a CCA
- View a medication entry in a CCA
- Remove a medication entry from a CCA
- Add a medication entry with a Full rule set the Master Drug Formulary
- Add a medication entry with a Limited rule set to the Master Drug Formulary
- Add a Label Only medication entry to the Master Drug Formulary
- Edit a medication entry in the Master Drug Formulary
- View a medication entry in the Master Drug Formulary
- Delete a medication entry from the Master Drug Formulary
- Copy a medication entry from the Master Drug Formulary to a Target CCA

Working with CCA Medication Entries

Note: When adding medication entries to the Target List, both the selected CCA and the Master Drug Formulary are updated. When adding to the Source List, only the Master Drug Formulary is updated.

The maximum number of medication entries allowed in a CCA is 150.

To add a medication entry with a Full rule set in a CCA:

1. Select the desired CCA as the Target List from the drop-down list.

	🗹 Hospira MedNet	™ Meds™ - User	Guide PlumA+			
ſ	Drug Library Manageme	nt Reports CCA:	Setup Master Infuse	er Setup		
	Einalize					
	Target List: 2 North-					2
	2 North			View Remove		
	Generic Name	🔺 External ID	Displayed Name	Concentration ((or Container Volume)		
	No Drug Selected		No Drug Selected			
	CLINDAMYCIN	1421	CLINDAMYCIN			
	DOPAMINE	1734	DOPAMINE	40 mg / 1 mL		
	NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL *		
	DEXT 5% 1/4NSS	2443	DEXT 5% 1/4NSS	mg/mL		
	MORPHINE	2738	MORPHINE	250.mL	1	

2. From the Target List, click Add.

- 3. Select the Generic Name for the medication entry.
- **Note:** Selecting a generic name from the drop-down list automatically populates the **Displayed Name, External ID, Therapeutic Class**, and **Class ID** fields.
- **Note:** The **Displayed Name** can be altered as desired, for example, to accommodate Tall Man lettering. The maximum number of characters in a **Displayed Name** is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

Target List: Add Rule Set		×
Generic Name (Exte	ernal ID)(Strength / Volume){Do	sage Form}:
 DOPAMINE (1734) (40 MG / 1 ML) {**}		*
Displayed Name:	Therapeutic Class:	Class ID:
 - DOPAMINE	BETA-ADRENERGIC AGONISTS	12:12.08
Summary: DOPAMINE 40 mg /	1 mL Dosed in mL/hr	
Rule Sets:		
 - Fuil		
-Concentration		
Medication Amount: Medication Unit:	Diluent Amount: mL	
40 mg	✓ 1	
Dosing Unit: LHL:	LSL:	USL: UHL:
mL/hr 💟 1		
 I		
Save & Add Another	Save & Close Cancel	

- 4. The **Displayed Name** can now be changed as desired. For example, to accommodate Tall Man lettering or another unique name.
- 5. Select Full (if not selected) from the Rule Sets drop-down list.
- 6. Select the medication unit and enter a Medication Amount and Diluent Amount (if desired).
- 7. Select the dosing unit and enter the values for soft and hard limits. (You must specify at least one limit.)
- 8. Click Save & Add Another or Save & Close to add the medication entry to the CCA.

Hospira MedNet Meds Software User Guide

To add a medication entry with a Limited rule set in a CCA:

1. Select the desired CCA as the Target List.

	Hospira MedNet	™ Meds™ - User (Guide PlumA+			
Dr	ug Library Manageme	nt Reports CCA	5etup Master Infuse	er Setup	,	
C	Einalize					
<u> </u>	Target List: 2 North—	r				2
	2 North	Add	<u>E</u> dit	View Remove		
	Generic Name	▲ External ID	Displayed Name	Concentration (or Container Volume)		
	No Drug Selected		No Drug Selected			
	CLINDAMYCIN	1421	CLINDAMYCIN		5	
	DOPAMINE	1734	DOPAMINE	40 mg / 1 mL		
	NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL		
	DEXT 5% 1/4NSS		DEXT 5% 1/4NSS	mg /mL	1	
	MORPHINE	2738	MORPHINE	250.mL	/	

- 2. From the Target List, click Add.
- 3. Select the Generic Name for the medication entry.

Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.

- **Note:** The **Displayed Name** can be altered as desired, for example, to accommodate Tall Man lettering. The maximum number of characters in a **Displayed Name** is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

	Target List: Add Rule	Set				X			
		Generic Name (External ID) (Strength / Volume) {Dosage Form}:							
	DEXT 5%/NS5 (1504)	(/ 1000 ML) {IV BAG}				*			
	Displayed I	Name:	Therapeutic Clas	s:	Class ID:				
4	DEXT 5%/NSS		CALORIC AGENTS	40:20.00					
	Summary:	DEXT 5%/NSS 200 r	nL Dosed in mL/hr						
5.	Rule Sets:								
<u> </u>	- Limited								
	Container Volume: mL 200								
6									
	Dosing Unit:	LHL:	LSL:	USL:	UHL:				
7	mL/hr 💙	1							
	,								
	l	Save & Add Another	Save & Close	<u>Cancel H</u> elp					

- 4. The **Displayed Name** can now be changed as desired. For example, to accommodate Tall Man lettering or another unique name.
- 5. Select Limited from the Rule Sets drop-down list.
- 6. Enter the container volume amount (optional).
- 7. Select mL/hr and enter the values for soft and hard limits. (You must specify at least one limit.)
- 8. Click Save & Add Another or Save & Close to add the medication entry to the CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To add a Label Only rule set medication entry in a CCA:

1. Select the desired CCA as the Target List.

	Hospira MedNet	™ Meds™ - User	Guide PlumA+		1	
D	rug Library Manageme	nt Reports CCA:	Setup Master Infuse	er Setup	5	
1	Einalize -Target List: 2 North-			4 (2	2
	2 North		<u>E</u> dit	View Remove		
	Generic Name	🔺 External ID	Displayed Name	Concentration ((or Container Volume)		
	No Drug Selected		No Drug Selected			
	CLINDAMYCIN	1421	CLINDAMYCIN			
	DOPAMINE	1734	DOPAMINE	40 mg / 1 mL		
	NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL *		
			DEXT 5% 1/4NSS	mg /mL		
	MORPHINE	2738	WORPHINE	250 mL	1	

- 2. From the Target List, click Add.
- 3. Select the generic name for the medication entry from the drop-down list.
- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.
- **Note:** The **Displayed Name** can be altered as desired, for example, to accommodate Tall Man lettering. The maximum number of characters in a **Displayed Name** is determined by how it is displayed on the infuser screen. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

	Target List: Add Rule Set							
	Generic Name (Ext	ernal ID) (Strength / Volume) {Dosage Forr	n}:					
	DOPAMINE (1044) (200 MG / 5 ML) {VIAL}							
4	Displayed Name:	Therapeutic Class:	Class ID:					
4	DOPAMINE	BETA-ADRENERGIC AGONISTS\1 12:12	2.08					
	Summary: DOPAMINE							
5	Rule Sets:							
J	Label Only 💙							
	Save & Add Another	Save & Close Cancel He	q					

- 4. The **Displayed Name** can now be changed as desired, for example, to accommodate Tall Man lettering or another unique name.
- 5. Select Label Only from the Rule Sets drop-down list.
- 6. Click Save & Add Another or Save & Close to add the medication entry to the CCA.

To edit a medication entry in a CCA:

1. Select the CCA containing the medication entry you want to edit from the drop-down list.

	۲.	lospira MedNet	™ Me	ds™ - User (Guide PlumA+	;	
	Drug	g Library Manageme	nt Ri	eports CCA :	Setup Master Infuse	er Setup	
1_		inalize Irget List: 2 North—					3
	2	? North		<u>A</u> dd		View <u>R</u> emove	
		Generic Name	*	External ID	Displayed Name	Concentration (or Container Volume)	
	N	o Drug Selected			No Drug Selected		ş
0	C	LINDAMYCIN	1421		CLINDAMYCIN		
2	D	OPAMINE	1734		DOPAMINE	40 mg / 1 mL	
	N	OREPINEPHRINE	241		NOREPINEPHRINE	4 mg / 4 mL	4
	D	EXT 5% 1/4NSS	2443		DEXT 5% 1/4NSS	mg/mL •	
	, LM	ORPHINE	2738	A	MORPHINE	250 ml	

- 2. From the Target List, select the medication entry you want to edit.
- 3. Click Edit.

Helpful Hint: You can also double-click a medication entry to display the Rule Set dialogue box.

- 4. Make changes as desired.
- **Note:** You cannot change the **Therapeutic Class** or **Class ID** when editing a medication entry in a CCA.

	Target List: Edit Rule Set		X					
	Generic Name (External ID) (Strength / Volume) {Dosage Form}:							
	DOPAMINE (1734) (40 MG / 1 ML) {**}	OPAMINE (1734) (40 MG / 1 ML) {***}						
	Displayed Name:	Therapeutic Class:	Class ID:					
	DOPAMINE	BETA-ADRENERGIC AGONISTS	12:12.08					
	Summary: DOPAMINE 40 mg /	1 mL Dosed in mL/hr						
	Rule Sets:							
4	Full Concentration Medication Amount: Medication Unit: 40 mg	Diluent Amount: mL						
	Dosing Unit: LHL:	LSL:	USL: UHL:					
I	Save &	.Close <u>C</u> ancel <u>H</u> elp						

- 5. Click Save & Close to save changes.
- **Note:** If the medication that is edited is assigned to only one CCA, the medication will also be edited in the Master Drug Formulary. If the medication that is edited is assigned to more than one CCA, a new medication will be created in the Master Drug Formulary.

⁴ Hospira MedNet Meds Software User Guide Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To view a medication entry in a CCA:

1. Select the CCA containing the medication entry you want to view from the Target List drop-down list.

	Mospira MedNe	t™ Meds™ - User	Guide PlumA+		r i
	Drug Library Managem	ent Reports CCA	Setup Master Infus	er Setup	5
Einalize					3
	2 North				
	Generic Name	🔺 External ID	Displayed Name	Concentration (or Container Volume)	
	No Drug Selected		No Drug Selected		
2	CLINDAMYCIN	1421	CLINDAMYCIN		
	DOPAMINE	1734	DOPAMINE	40 mg / 1 mL	
	NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL	
	DEXT 5% 1/4NSS	2443	DEXT 5% 1/4NSS	mg/mL	
	MORPHINE	2738	MORPHINE	.250.mL	1

- 2. From the Target List, select the medication entry you want to view.
- 3. Click View.

To remove a medication entry from a CCA:

1. Select the CCA containing the medication entry you want to remove from the Target List drop-down list.

	M Hospira MedNe	t™ Meds™ - User	Guide PlumA+		
	Drug Library Managem	ent Reports CCA	Setup Master Infus	er Setup	
	<u>Finalize</u>				
1	Target List: 2 North		d <u>E</u> dit	View Remove	
	Generic Name	🔺 External ID	Displayed Name	Concentration (or Container Volume)	
	No Drug Selected		No Drug Selected		1
		1421	CLINDAMYCIN		
	NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL	
	MORPHINE	2738	MORPHINE	250 mL	
	OXYTOCIN	537	OXYTOCIN	10 units / 1000 mL	

- 2. Select the medication entry you want to remove.
- 3. Click Remove.

4. At the confirmation to remove from the CCA, click Remove.

Confirm Remove from CCA	\mathbf{X}
Remove from: 2 North	
	_
CLINDAMYCIN	
Remove Cancel Help	

Working with the Master Drug Formulary

The Master Drug Formulary can contain medication entries not assigned to a CCA, to facilitate later use. The total number of medication entries in the Master Drug Formulary for the Plum A+ infuser cannot exceed 3510.

To add a medication entry with a Full rule set to the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

Source List: Master I	-	Ē			<u> </u>
Master Drug Formu	lary 💙	Ádd	Edit	View Delete	
Master Drug Formu	ary			1	6
ICU		nal ID	Displayed Name	Concentration	
2 North				(or Container Volume)	
5 West			No Drug Selected		
Medicine			CLINDAMYCIN		
UXYTOCIN	537		OXYTOCIN	10 units / 1000 mL	
MORPHINE	2738		MORPHINE	250 mL	2
NOREPINEPHRINE	241		NOREPINEPHRINE	4 mg / 4 mL	F
DOPAMINE	1734		DOPAMINE	40 mg / 1 mL	
DEXT 5% 1/4NSS	2443		DEXT 5% 1/4NSS	mg/mL	
DOPAMINE 400 M.	. 1640		DOPAMINE 400 MG	mg/mL	

- 2. From the Source List, click Add.
- 3. Select the Generic Name for the medication entry from the drop-down list.
- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.
- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a medication name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list, you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

1	Source List: Add Rule S	et			
		Generic Name (Ext	ernal ID) (Strength / Vol	ume) {Dosage Form}:	
	ACYCLOVIR (1701) (500	MG / 10 ML) {VIAL}			*
	Displayed Na	me:	Therapeutic Cla	ISS:	Class ID:
	ACYCLOVIR		ANTIVIRALS (SYSTEMI	C)\1 08:18.00	
	Summary: A	CYCLOVIR 500 mg	/ 10 mL Dosed in mc	g/kg/hr	
4	Rule Sets:				
5	Concentration Medication Amount: 500	Medication Unit:	Diluent Amount: m	L	
,	Dosing Unit:	LHL:	LSL:	USL:	UHL:
5	mcg/kg/hr 🖌 1				
		5 <u>a</u> ve & Add Another	Save & Close	Cancel Help]

- 4. Select Full (if not already selected) from the Rule Sets drop-down list.
- 5. Select the Medication Unit and enter a Medication Amount (optional) and Diluent Amount (optional).
- 6. Select the dosing unit and type the values for soft and hard limits. (You must specify at least one limit.)
- 7. Click Save & Add Another or Save & Close to add the medication entry to the Master Drug Formulary.
- **Note:** When a medication entry is added to the Master Drug Formulary, it is not assigned to a CCA.

To add a Limited rule set medication entry to the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

Source List: Master Drug Formu	lary			2
Master Drug Formulary 🗸 🗸	Add	Edit	View Delete	
Master Drug Formulary				
ICU	nal ID	Displayed Name	Concentration	5
2 North			(or Container Volume)	
5 West		No Drug Selected		
Medicine		CLINDAMYCIN		
0X710CIN 537		OXYTOCIN	10 units / 1000 mL	
MORPHINE 2738		MORPHINE	250 mL	2
NOREPINEPHRINE 241		NOREPINEPHRINE	4 mg / 4 mL	F
DOPAMINE 1734		DOPAMINE	40 mg / 1 mL	
DEXT 5% 1/4NS5 2443		DEXT 5% 1/4NSS	mg /mL	
DOPAMINE 400 M 1640		DOPAMINE 400 MG	mg /mL	
and the second s		and the second states of the	and the second s	

- 2. From the Source List, click Add.
- 3. Select the Generic Name for the medication entry from the drop-down list.
- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.
- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a displayed name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

		ternal ID) (Strength / Volume	Osage Form;	
DEXT 5%/NS5 (1504) ()	1000 ML) {IV BAG}	ŀ		
Displayed Na	me:	Therapeutic Class:		Class ID:
DEXT 5%/NSS		CALORIC AGENTS	40:20.00	
Summary: D	EXT 5%/NSS 200	mL Dosed in mL/hr		
Rule Sets:				
Limited 🗸				
Container Volume: mL				
200				
Dosing Unit:	LHL:	LSL:	USL:	UHL:
mL/hr 🔽 1				

- 4. Select Limited from the Rule Sets drop-down list.
- 5. Type the Container Volume amount (optional).
- 6. Select mL/hr and enter the values for soft and hard limits. (You must specify at least one limit.)
- 7. Click Save & Add Another or Save & Close to add the medication entry to the Master Drug Formulary.
- **Note:** When a medication entry is added to the Master Drug Formulary, it is not assigned to a CCA.

To add a Label Only medication entry to the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

	Source List: Master Di	rug Formu	lary			2
	Master Drug Formula	ary 🔽	Add	Edit	View Delete	E
	Master Drug Formula	iry				1
	ICU		nal ID	Displayed Name	Concentration	5
	2 North				(or Container Volume)	
	5 West			No Drug Selected		
	Medicine			CLINDAMYCIN		
	OXTIOCIN	537		OXYTOCIN	10 units / 1000 mL	
	MORPHINE	2738		MORPHINE	250 mL	2
	NOREPINEPHRINE	241		NOREPINEPHRINE	4 mg / 4 mL	F
	DOPAMINE	1734		DOPAMINE	40 mg / 1 mL	
	DEXT 5% 1/4NSS	2443		DEXT 5% 1/4NSS	mg /mL	
	DOPAMINE 400 M	1640		DOPAMINE 400 MG	mg /mL	
le la	المحافظ والمعارية فالأحما المحافظ	and the second		and the second second second	and a state of the second s	/

- 2. From the Source List, click Add.
- 3. Select the Generic Name for the medication entry from the drop-down list.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

- Note: Selecting a Generic Name from the drop-down list automatically populates the Displayed Name, External ID, Therapeutic Class, and Class ID fields.
- **Note:** The **Displayed Name** field cannot be left blank. The maximum number of characters in a displayed name is determined by how it is displayed on the infuser screen after it is downloaded. Depending on character width, the maximum number of characters allowed in a medication name can vary from 17 to 29.
- **Note:** If the desired generic name is not in the **Generic Name** drop-down list (or if no generic names appear in the list), you may add a medication to the Medication List. Alternatively, you can add the generic name by importing a new **Medication List** via the **Medication Import** function of the Hospira MedNet software.

Source List: Add Rule Set			X
Generic Name (Exte	ernal ID) (Strength / Volume) {Dosa	ge Form}:	
VANCOMYCIN (577) (500 MG / 10 ML) {VIAL}			*
Displayed Name:	Therapeutic Class:	Class ID:	
VANCOMYCIN	ANTIBACTERIALS MISCELLANEO	08:12.28	
Summary: VANCOMYCIN Rule Sets: Label Only			
Save & Add Another	Save & Close	Help	

- 4. Select Label Only from the Rule Sets drop-down list.
- 5. Click Save & Add Another or Save & Close to add the medication entry to the Master Drug Formulary.
- **Note:** When a medication entry is added to the Master Drug Formulary, it is not assigned to any CCA.

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To edit a medication entry in the Master Drug Formulary:

1. Select Master Drug Formulary as the Source List.

Source List: Master Drug For Master Drug Formulary	mulary	I Edit	View Delete	
Master Drug Formulary ICU 2 North	nal ID	Displayed Name	Concentration (or Container Volume))
5 West Medicine		No Drug Selected CLINDAMYCIN		
0X910CIN 537 MORPHINE 2738		OXYTOCIN MORPHINE	10 units / 1000 mL 250 mL	
NOREPINEPHRINE 241		NOREPINEPHRINE	4 mg / 4 mL	b.
DOPAMINE 1734		DOPAMINE	40 mg / 1 mL	
DEXT 5% 1/4NSS 2443		DEXT 5% 1/4NSS	mg/mL	
DOPAMINE 400 M 1640		DOPAMINE 400 MG	mg /mL	

- 2. From the Source List, select the medication entry you want to edit.
- 3. Click Edit.

Helpful Hint: You can also double-click a medication entry to display the Rule Set dialogue box.

4. Make changes as desired.

DOPAMINE 400 MG-I	D5W (1640) (/ 250 M	IL) {IV BAG}		
Displaye	d Name:	Therapeutic Class:		Class ID:
DOPamine		BETA-ADRENERGIC AGO	JISTS 12:12.08	
Summary	: DOPamine 400 mo	/ 250 mL Dosed in mcg/k	a/min	
Rule Sets:				
Full	1			
-Concentration				
Medication Amount:	Medication Unit	: Diluent Amount: mL		
400	mg	▶ 250]	
Dosing Unit:	LHL:	LSL:	USL:	UHL:
	1			
mcg/kg/min 🗸 🗸				
-				

- 5. Click Save & Close to save changes.
- **Important:** Changing the dosing unit or medication unit will erase all previously entered limits.
 - **Note:** When a medication entry is edited, the changes are reflected in the Master Drug Formulary and in all CCAs in which the medication is listed.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To view a medication entry in the Master Drug Formulary:

1. Select Master Drug Formulary from the Source List.

-Source List: Master D Master Drug Formul	lary 🔽	lary — Add	Edit	View Delete	3
Master Drug Formuk ICU 2 North	· · ·	nal ID	Displayed Name	Concentration (or Container Volume)	
5 West Medicine			No Drug Selected CLINDAMYCIN		
OXYTOCIN	537		OXYTOCIN	10 units / 1000 mL	
MORPHINE	2738 241		MORPHINE	250 mL 4 mg / 4 mL	
DOPAMINE	1734		DOPAMINE	40 mg / 1 mL	
DEXT 5% 1/4NSS	2443		DEXT 5% 1/4NSS	mg/mL	
DOPAMINE 400 M			DOPAMINE 400 MG	mg /mL	

- 2. From the Source List, select the medication entry you want to view
- 3. Click View.
- 4. Click Close to exit the screen.

Source List: View Rule	Set				×
	Generic Name (Ext	ernal ID) (Strength / Volu	me) {Dosage Form}:		
DOPAMINE 400 MG-D5V	/ (1640) (/ 250 ML)	{IV BAG}			~
Displayed Na	ime:	Therapeutic Clas	s:	Class ID:	
DOPAMINE 400 MG		BETA-ADRENERGIC AGO	NISTS 12:12.08		
Summary: D	OPAMINE 400 MG	mg / mL Dosed i	in mcg/kg/min		
Rule Sets:					
Full 🗸					
Medication Amount:	Medication Unit:	Diluent Amount: mL			
	ng	×			
Dosing Unit:	LHL:	LSL:	USL:	UHL:	
mcg/kg/min 🛛 😽 1					
	(
	l				

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To delete a medication in the Master Drug Formulary:

1. Select Master Drug Formulary from the Source List.

	Source List: Master D Master Drug Formula Master Drug Formula	ery 🔽	lary Add	Edit	View Delete	3
	ICU 2 North	· ·	nal ID	Displayed Name	Concentration (or Container Volume)	
	5 West			No Drug Selected		
	Medicine			CLINDAMYCIN		
	OXYTOCIN	537		OXYTOCIN	10 units / 1000 mL	
	MORPHINE	2738		MORPHINE	250 mL	
	NOREPINEPHRINE	241		NOREPINEPHRINE	4 mg/4 mL	5
	DOPAMINE	1734		DOPAMINE	40 mg / 1 mL	
	DEXT 5% 1/4NSS	2443		DEXT 5% 1/4NSS	mg/mL	
	DOPAMINE 400 M	1640		DOPAMINE 400 MG	mg/mL	
h.,	the second second second	and the second	a	and the second states of the	and the second second second second	

- 2. From the Source List, select the medication entry you want to delete.
- 3. Click Delete.

Generi	ic Name (External ID) (Stre	ength / Volume) {Dosa	ge Form}:	
DOPAMINE 400 MG-D5W (1640	0) (/ 250 ML) {IV BAG}			×
Displayed Name:	Ther	apeutic Class:	Class ID	
DOPAMINE 400 MG	BETA-ADRE	NERGIC AGONISTS	12:12.08	
Summary: DOPAM	INE 400 MG mg / r	mL Dosed in mcg/kg	/min	
Rule Sets:				
Full				
Concentration				
Medication Amount: Med	dication Unit: Diluent	Amount: mL		
mg	<u>×</u>			
	LHL: LSL		JSL:	UHL:
	LITL; LOL		JDL:	UHL:
Dosing Unit: mcg/kg/min				

4. Click Delete.

The following pop-up will display only if the medication entry is assigned to one or more CCA.

d Delete Medication	K
Deleting this medication entry will remove it from the master formulary as well as from the following CCAs: ICU	
OK Cancel	

5. Click OK.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To copy to Target CCA:

- 1. Select a medication entry from the Master Drug Formulary.
- **Note:** A Target List CCA must be selected before you can copy a medication entry to a Target CCA from the Master Drug Formulary.
 - 2. Click Copy to Target CCA.

Master Drug Formul	ary 💌 🗛	Edit	View Delete		Сору	to Target CCA
Generic Name	External ID	Displayed Name	Concentration (or Container Volume)	Rule Set	Dosing Unit	Lower Hard Limit
No Drug Selected		No Drug Selected		Label Only		
CLINDAMYCIN	1421	CLINDAMYCIN		Label Only		
MORPHINE	2738	MORPHINE	250 mL	Limited	mL/hr	
NOREPINEPHRINE	241	NOREPINEPHRINE	4 mg / 4 mL	Full	mL/hr	
DOPAMINE	1734	DOPAMINE	40 mg / 1 mL	Full	mL/hr	1
DEXT 5% 1/4NSS	2443	DEXT 5% 1/4NSS	mg /mL	Full	mL/hr	

3. Click Copy on the Confirm Copy to CCA pop-up.

	Copy to CCA
Copy from:	Master Drug Formulary
Copy to:	2 East
Medication	Entries
DOPAMIN	E 40 mg / 1 mL

Chapter 10: Master Infuser Set-Up

Plum 360 Master Infuser Settings

The Plum A+ Master Infuser Settings view allows you to select the following infuser settings:

- Continue Rate
- Callback Notification
- Deliver Together
- Force Pump to Accept Drug Library During Power Down
- Auto-programme Rejection Reason Timeout (seconds)
- Maximum Standby Time (hours)
- Default Clinical Use

To display the **Master Infuser Settings** view, open a Worksheet and click the **Master Infuser Set-Up** tab. (For instructions on opening a Worksheet, see **Chapter 5: The Library Directory**, on page 27).

🗹 Hospira MedNet™ Meds™ - Plum User Guide Library				
Drug Library Management Reports CCA Setup Master Infuser Setu	P			
	Track I	Restore Default Values	Save Cancel	⊆lose <u>H</u> elp
Continue Rate	lback Notification			
€ KVO	C Yes			
C Rate	No			
Deiver Together	ce Pump to Accept Drug Library During Power Do	own		
Piggyback	C Yes			
C Concurrent	No			
Auto-program Rejection Reason Timeout (seconds)	ximum Standby Time (hours)			
Timeout: [15] [10 - 30]	aximum Standby Time: 72 [24 - 72]			
- Default Clinical Use				
NOT SPECIFIED				
NOTE: If the Clinical Use field in a rule set is blank then the Clinical Use will be updated with the value entered here. Updating this field will update the Clinical Use in rule sets that use this default Clinical Use.				
Library Name: Plum User Guide Library	Infuser: Plum A+ 15.x Status: V	Worksheet Modified: Aug 16	2013 10:47AM Mode: Edit	User: mednet_admin

Continue Rate

The *Continue Rate* setting allows you to select the default rate the infuser switches to after a therapy has completed. The Continue Rate options are *KVO* and *Rate*. KVO (Keep Vein Open) is a very low rate (1 mL/hr) that reduces the potential for clotting at the infusion site. Rate is the same delivery rate as the completed therapy. The Continue Rate setting can be changed when programming the infuser:

- Select **KVO** to make the default continue rate KVO.
- Select **Rate** to make the default continue rate the same as the completed therapy's rate.

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Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Callback Notification

The *Callback Notification* setting, when enabled, causes the infuser to emit an audible nurse callback alarm and display a notification between steps of a multi-step infusion, a piggyback infusion, or after a loading dose. The default Callback Notification setting is **No** (disabled). This setting can be changed when manually programming the infuser. For more information on nurse callback alarms, refer to the infuser's system operating manual.

Deliver Together

The *Deliver Together* setting allows you to choose the default two-line delivery method. This functionality defines the default relationship between Line A and Line B on the infuser. The Deliver Together options are **Piggyback** and **Concurrent**. When Piggyback is selected, Line A delivery stops while Line B infuses. Line A delivery resumes when Line B delivery is complete. When Concurrent is selected, both lines infuse at the same time. The Deliver Together setting can be changed when programming the infuser.

- Select Piggyback to make the default deliver together setting piggyback
- Select Concurrent to make the default deliver together setting concurrent

Force Pump to Accept Drug Library During Power Down

This setting determines if the infuser will automatically install a new Medication Library upon infuser turn off. If setting is **Yes**, the infuser will install library without prompting user during power down. The default setting is **No**.

Auto-programme Rejection Reason Timeout (seconds)

When an auto-programme is rejected by Hospira MedNet, a rejection reason appears on the infuser to notify the nurse that the auto-programme has been rejected prior to sending to the infuser. The timeout setting allows you to set the length of time the message will remain on the infuser's screen. The range is 10-30 seconds and the default is 15 seconds.

Maximum Standby Time (hours)

The *Maximum Standby* setting allows you to select the period of time the infuser can wait before beginning a therapy. The Standby setting *cannot* be overridden when programming the infuser.

Note: This setting affects both delayed start and standby. If enabled, both will be available at the infuser. If disabled, neither will be available at the infuser.

The range is 24 to 72 hours in one hour increments. The default is 72 hours.

Default Clinical Use

The *Default Clinical Use* setting allows you to change the "NOT SPECIFIED" value entered in a CCA to the Default Clinical Use you enter.

Note: The value entered as Default will be attributed to ALL entries marked "NOT SPECIFIED" in all CCAs and in the Master Drug Formulary.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To configure the master infuser settings:

- 1. Click the Master Infuser Set-Up tab.
- 2. Select the desired option for each setting.
- 3. When finished making selections, click Save.

🛃 Hospira MedNet™ Meds™ - Plum User Guide Library	
Drug Library Management Reports CCA Setue Master Infuser	Setup
	Bestore Default Values Save Cancel Glose Help
Continue Rate	Calback Notification
(F KVO	C Yes
C Rate	C No
Deliver Together	Force Pump to Accept Drug Library During Power Down
 Piggyback 	C Yes
C Concurrent	G No
Auto-program Rejection Reason Timeout (seconds)	Maximum Standby Time (hours)
Timeout: 15 [10 - 30]	Maximum Standby Time: 72 [24 - 72]
Default Clinical Use NOT SPECIFIED NOTE: If the Clinical Use field in a rule set is blank then the Clinical Use will be updated with the value entered here. Update the Foldieut Use in	
rule sets that use this default Clinical Use.	
Ubrary Name: Plum User Guide Library	Infuser: Plum A+ 15.x Status: Worksheet Modified: Aug 16 2013 10:47AM Mode: Edt User: mednet_admin

Note: To save changes to the master infuser settings, you must click **Save** before navigating away from the **Master Infuser Settings** view.

The selections made in the Master Infuser Settings view apply to all CCAs in the library.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Plum A+ Master Infuser Settings

The Plum A+ Master Infuser Settings view allows you to select the following infuser settings:

- Continue Rate
- Callback Notification
- Deliver Together
- Enable Delay/Standby

To display the **Master Infuser Settings** view, open a Worksheet and click the **Master Infuser Set-Up** tab. (For instructions on opening a Worksheet, see **Chapter 5: The Library Directory**, on page 27).

Mospira MedNet™ Meds™ - User Guid	de	_		
Drug Library Management Reports CCA S	Setup Master Infuser Setup			
			Save	Cancel Close Help
Continue Rate	Callback Notification			
() KVO) Yes			
🔘 Rate	No			
Deliver Together	Enable Delay/Standby			
 Piggyback 	Yes			
Concurrent	© No			
Library Name: User Guide	Infuser: Plum A+ 13.x	Status: Worksheet	Modified: Jul 16 2014 02:13PM	Mode: Edit User: mednet_admin

Continue Rate

The *Continue Rate* setting allows you to select the default rate the infuser switches to after a therapy has completed. The Continue Rate options are *KVO* and *Rate*. KVO (Keep Vein Open) is a very low rate (1 mL/hr) that reduces the potential for clotting at the infusion site. Rate is the same delivery rate as the completed therapy. The Continue Rate setting can be changed when programming the infuser:

- Select **KVO** to make the default continue rate KVO.
- Select **Rate** to make the default continue rate the same as the completed therapy's rate.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Callback Notification

The *Callback Notification* setting, when enabled, causes the infuser to emit an audible nurse callback alarm and display a notification between steps of a multi-step infusion, a piggyback infusion, or after a loading dose. The default Callback Notification setting is **No** (disabled). This setting can be changed when manually programming the infuser. For more information on nurse callback alarms, refer to the Hospira Plum A+/A+3 System Operating Manual.

Deliver Together

The *Deliver Together* setting allows you to choose the default two-line delivery method. This functionality defines the default relationship between Line A and Line B on the infuser. The Deliver Together options are **Piggyback** and **Concurrent**. When Piggyback is selected, Line A delivery stops while Line B infuses. Line A delivery resumes when Line B delivery is complete. When Concurrent is selected, both lines infuse at the same time. The Deliver Together setting can be changed when programming the infuser.

- Select Piggyback to make the default deliver together setting piggyback
- Select Concurrent to make the default deliver together setting concurrent

Enable Delay/Standby

The *Enable Delay/Standby* setting allows you to select the standby setting, **Yes** (enabled) or **No** (disabled.) When enabled, the infuser can be programmed to wait for a period of time before beginning a therapy. When disabled, the option to programme a waiting period before a therapy begins is not available. The Standby setting *cannot* be overridden when programming the infuser.

Note: This setting affects both delayed start and standby. If enabled, both will be available at the infuser. If disabled, neither will be available at the infuser.

- Select Yes to enable Delay/Standby
- Select No to disable Delay/Standby

Mospira MedNet™ Meds™ - User Guid	le	_	_	
Drug Library Management Reports CCA S	etup Master Infuser Setup			
			Save	Cancel <u>C</u> lose <u>H</u> elp
Continue Rate	Callback Notification			
() KVO	🔘 Yes			
© Rate	No			
Deliver Together	Enable Delay/Standby			
Piggyback	Yes			
 Piggyback Concurrent 	⊙ No			
Library Nama, Llear Quida	Infuser: Plum A+ 13.x	Status: Worksheet	Modified: Jul 16 2014 02:13PM	Mode: Edit User: mednet_admin
Library Name: User Guide	Intuser: Plum A+13.x	Status: Worksheet	Moaimea: Jul 16 2014 02:13PM	Mode: Edit User: mednet_admin

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

To configure the master infuser settings:

- 1. Click the Master Infuser Set-Up tab.
- 2. Select the desired option for each setting.
- 3. When finished making selections, click Save.

Mospira MedNet™ Meds™ - User	r Guide	
Drug Library Management Reports C	CCA Setup Master Infuser Setup	
		Save Cancel Glose Help
Continue Rate	Callback Notification	1
() KVO	O Yes	
🔘 Rate	No	
Deliver Together	Enable Delay/Standby	1
Piggyback	Yes	
Concurrent	© No	
Library Name: User Guide	Infuser: Plum A+ 13.x	Status: Worksheet Modified: Jul 16 2014 02:13PM Mode: Edit User: mednet_admin

Note: To save changes to the master infuser settings, you must click **Save** before navigating away from the **Master Infuser Settings** view.

The selections made in the Master Infuser Settings view apply to all CCAs in the library.

Appendix A: Hospira MedNet Integrator

Overview

Hospira MedNet Integrator provides interfaces to a hospital's enterprise level applications and serves as the conduit for the exchange of data between infusers, the Hospira MedNet server, and a variety of hospital information systems.

When interfaced to a BCMA system, Hospira MedNet Integrator supports electronic documentation of IV administration events into the patient record. This integration also allows the BCMA system to incorporate the IV infusion rate into the five Rights verification process.

The workflow for the clinician is as follows:

- Scan the patient identification, the medication container, and the pump using the BCMA application and its bar code scanner
- Programme the infuser based on the physician's order
- Confirm the programming and start the infusion

Once the infusion has started, Hospira MedNet sends the programme values (medication/ concentration, dose, rate, volume to be infused, and duration) back to the BCMA system for review by the clinician, verification, and electronic charting.

Setting up Hospira MedNet Integrator for BCMA integration

• Define a bar code strategy for identifying each channel of the infusers that will be used, affix the bar code label to each channel

WARNING: To ensure that information is sent to the Bar Code Medication Administration (BCMA) system from the correct infuser, Hospira strongly recommends that before using Hospira MedNet Integrator you verify that the bar code label affixed to each infuser corresponds to the correct channel.

Important:



Please compare the infuser data on the infuser with the data received from the BCMA. In the event of a discrepancy, please chart the infuser data manually.

Note: Depending on the BCMA system, scanning of the patient, medication, and pump may also occur after the infusion has been started.

Note: The specific functionality available to you will depend on your institution's Hospira MedNet software licence.

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Notes:

Glossary

Active Drug Library	Worksheet that has been finalised and is available to send to infusers
Archived Drug Library	Previously Active library
ВСМА	Acronym for Bar Code Medication Administration
Callback Notification	Setting that configures the infuser to emit an audible tone
	For Plum A+, callback notification can occur after a loading dose completes and between doses in a multistep therapy
CCA (Clinical Care Area)	Patient group in which the infusion therapy parameters are the same
	A CCA may be the same as a physical nursing unit or may encompass a patient population or a clinical use. For example, the following may be defined as CCAs: ICU, Blood Products, Med/Surg, Orthopedics, Endoscopy, etc.
CE	Acronym for Connectivity Engine that allows the infuser to communicate with a wired or wireless network
Clinical Use	The clinical use attributed to a medication entry
Concurrent Delivery (Plum A+)	Setting for Line B mode
Container Volume	Volume of the bag, bottle, or vial used to define a medication entry
Continue Rate	Delivery rate after the VTBI amount has been infused
CSV file	Comma separated value file format used by the software for importing and exporting certain files
Custom Syringe or Vial	Bar coded sterile empty vial that is custom-filled by a pharmacy
Default Occlusion Pressure	Pressure at which the infuser will sound the distal occlusion alarm
Delayed Start	Programming option that allows the infusion to be started at a later time
	Similar to standby
Deliver Together	Setting for the Plum A+ that defines the type of delivery mode, piggyback or concurrent
Diluent Amount	Volume of fluid in which a medication is diluted
Distal Occlusion	Blockage between the infuser and the patient
Drug Library	Collection of medication entries and infuser settings that, when used with compatible infusers, may reduce the frequency of human errors by restricting the ways in which medications can be administered
Drug Library Worksheet	Drug library that can be edited but cannot be sent to infusers until it is finalised
Edit	The user responded to an alert by changing the value entered

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Enable Delay/Standby	Infuser setting for Plum A+ that allows the infuser to be programmed for a waiting period before a therapy begins
External ID	An identifier for a Medication. Each Medication in the Medication List must have a unique External ID
Finalised Drug Library	Drug library that has been approved for use on infusers and can no longer be changed
Finalisation	The act of approving a Worksheet and making it the Active library
Full Rule Set	Type of rule set that allows medication entries to be configured with a medication name, complete or partial concentration, specific dosing unit, and corresponding dose rate limits
Hard Limit	Upper and/or lower limits for the selected medication and selected CCA that cannot be overridden (Plum A+) Hard limits are not required to be defined for a medication
	Hard limits may vary for different CCAs
Hard Limit Alert	An alert presented to the user when a hard limit is exceeded. The user's response depends on the infuser: for Plum A+, the user must edit the value entered so that it does not exceed the hard limit.
HIS	Acronym for Hospital Information System
Infusion	Single medication and concentration infused on a patient
	An infusion may be associated with one or more programmes
KVO (Keep Vein Open)	Very low delivery rate that may reduce the potential for clot formation at the catheter tip
Label Only Rule Set (Plum A+)	Type of rule set that allows medication entries to be configured with a medication name, complete or partial concentration, and specific dosing unit
	Dose rate limits cannot be assigned to a "Label Only" medication entry
	The "No Rule Set" icon is displayed on the infuser when this type of rule set is used
LDAP	Acronym for Lightweight Directory Access Protocol, a network protocol that enables applications to use a company's existing network directory listing for user names and passwords, thus allowing the company's network administrators to manage login access to multiple applications from one central source. For example, users can use their company's network login information with the same credentials (user name and password) to access Hospira MedNet Software
Limited Rule Set (Plum A+)	Type of rule set that allows medication entries to be configured with a medication name, optional diluent volume, and rate limits
	Dosing units for a Limited rule set includes mL/hour
Master Drug Formulary	Comprehensive list of medications and rule sets defined for use in a drug library
Maximum Dose Rate	Highest rate at which the infuser can be programmed to run
Medication Entry	Rule set defined for a unique combination of a medication and concentration
Medication List	List of medications used by the hospital. The Medication List is used to define drug libraries

Multistep	Programming option that allows delivery in steps or phases with different parameters for each step
Occlusion	Blockage in the tubing set that prevents the infuser from infusing fluid into the patient. Possible causes of occlusions are twisted or plugged tubing
Override	The user responded to an alert by acknowledging it and accepting the value entered
Piggyback Mode (Plum A+)	Programming option that allows the delivery of a secondary container while delivery from the primary is suspended. When the secondary container has completed delivery of the volume to be infused, the primary resumes delivery
Prime	Clear out or purge air from the tubing. Same as Purge
Programme	Infuser settings made by the clinician which can result in an alert. These include the settings to start a new infusion and changes to the dose or rate:
	For the Plum A+, changing a bag, bottle, or syringe is not considered a new programme if no other setting was changed
	One or more programmes may be associated with an infusion
	Differences between infusers:
	Plum A+ - Loading Dose and Multistep are each considered to be a single programme
Proximal Occlusion	Blockage between the infuser and the fluid container
Purge	Clear out or purge air from the tubing. Same as Prime
Report Options	Configurations entered by the user to define the desired report output. Examples include Time period, CCA, Medication, etc.
Rule Set	Constraints that are assigned to medication entries. The type of rule for the medication in the drug library
	Rule sets can include both soft and hard limits. The Plum A+ has a single rule set
Service Line	A designation used in reports to aggregate data across multiple CCAs or facilities. Each CCA is mapped to a Service Line. For example, a service line called Med/Surg may be used to examine data from the CCAs Four West, Five North, and Five East in a single hospital
Soft Limit	Upper and/or lower dose limits for the selected medication and selected CCA that can be overridden. Soft limits for a particular medication may vary across CCAs
Soft Limit Alert	An alert presented to the user when a soft limit is exceeded. The user may choose to edit or override the value entered in response to the alert
Standby	Programming option that allows the infusion to be started at a later time. Similar to delayed start
Variance	Variance is a calculated value intended to represent how far away the user's initial programmed value was compared to the defined limit
	Variance is defined as <i>(Initial Dose - Limit Violated) / Limit Violated</i> , expressed as a percentage, shown as a negative number for Lower Limit violations and a positive number for Upper Limit violations

Hospira MedNet Meds Software User Guide

Note: For a list of Hospira MedNet compatible devices approved by country, refer to the Hospira MedNet Device Compatibility Matrix available through your Hospira Support Centre.

Worksheet

Draft drug library that has not yet been finalised

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