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CADD-Solis™

Infusion System

Modern portable design with wireless connectivity and versatility for pain management

icumedical
human connections

CADD-Solis Infusion System

A single infusion platform for pain management

Multiple delivery methods can be combined to meet your clinical practice

- > Continuous rate
- > Programmed Intermittent Bolus (PIB)
- > Patient Controlled Analgesia (PCA)
- > Patient Controlled Epidural Analgesia (PCEA)
- > Clinician bolus



IV PCA

Intravenous pain management with the following delivery methods individually or in combination with each other:

- > Continuous rate
- > PCA dose
- > Clinician bolus
- > Dosing with PCA dose key or remote dose cord



Epidural

Epidural and subarachnoid administration in conjunction with Programmed Intermittent Bolus (PIB) and/or PCEA.



Peripheral NerveBlock and Surgical Site Infusions

Administration of peripheral nerve blocks and surgical site infusion with the ability to program PCA and/or Programmed Intermittent Bolus (PIB). Portable design supports patient ambulation.

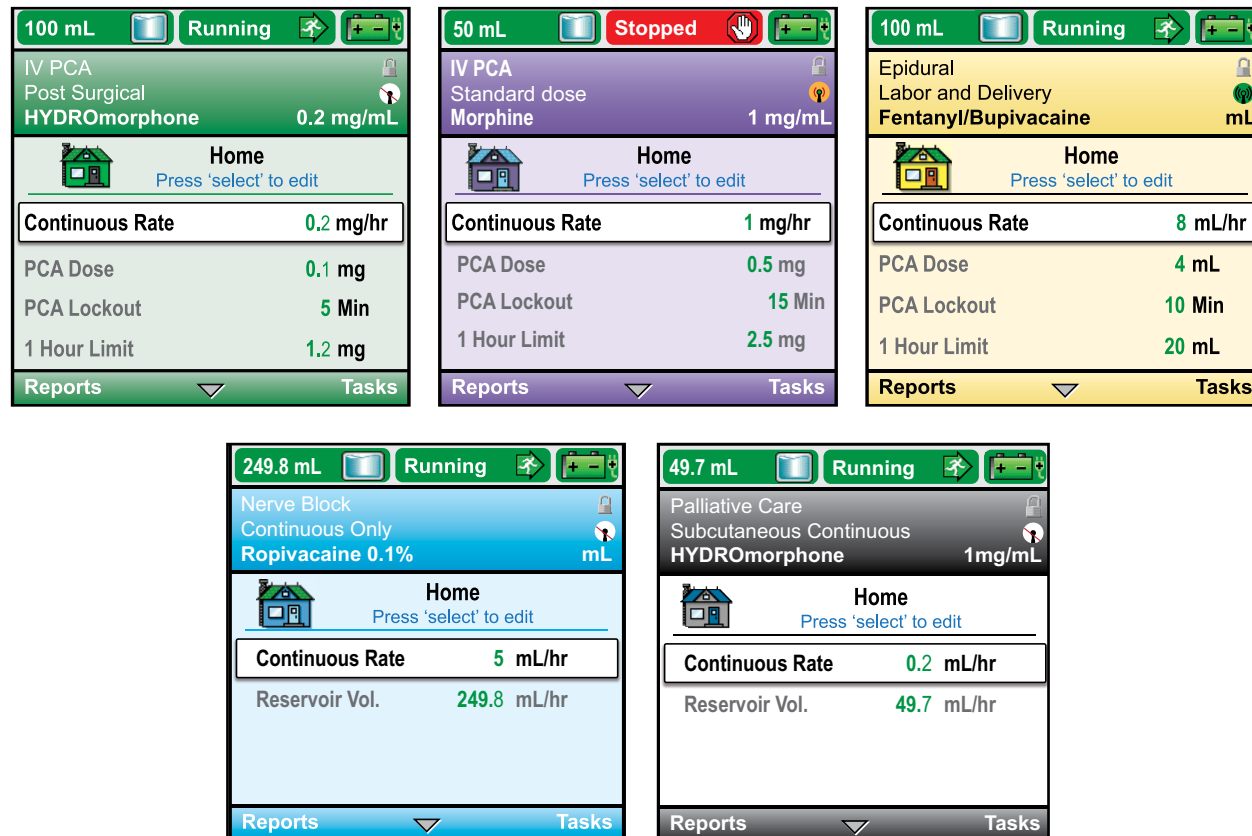
Standardize to a single wireless platform and differentiate therapies to support patient safety



Ability to segment your fleet by grey or yellow pump face plates

CADD™ products with NRFit™ connectors help reduce the risk of misconnections

Color-coded pump screens allow you to differentiate therapies



Smart pump features support patient safety

- › On-screen color graphs and trending data provide immediate patient assessment and helps support the clinician at bedside
- › On-board library holds up to 500 protocols that can be edited within the safety limits for specific patient needs
- › Additional PharmGuard™ software can help reduce programming errors with:
 - Soft and hard maximum and minimum programming limits
 - Tall man/Short man lettering
 - Support for full drug names
 - No trailing zeroes



Dosing graph

Delivery chart

Features of the CADD-Solis Ambulatory Infusion System



* The CADD™-Solis Wireless Communication Module is an optional accessory that is available separately.

CADD™ medication cassette reservoirs

- › Durable, self-contained reservoirs lock directly onto the pumps help to provide medication security
- › The pump and reservoir maintain a small footprint
- › Multiple sizes and color choices for therapy flexibility and visual identification
- › Flow stop feature helps prevent medication free-flow
- › Available with NRFit™ connectors to help reduce the risk of misconnections



Continuity of care with the CADD-Solis VIP™ pump for at home use

- › Small ambulatory system supports patient mobility
- › Help screens can assist patients with troubleshooting and may reduce clinician visits



Specifications & Requirements



CADD-Solis Ambulatory Infusion Pump Specifications

Indications	Intravenous, intra-arterial, subcutaneous, intraperitoneal, in close proximity to nerves, into an intraoperative site (soft tissue, body cavity/surgical wound site), epidural space, or subarachnoid space infusion. The pump is intended for therapies that require a continuous rate of infusion, and/or an intermittent bolus, and/or with patient-controlled demand doses, and/or clinician boluses.
Pump Size	1.6 in. x 4 in. x 5 in. excluding cassette or other accessories. 1.6 in. x 4 in. x 7 in. with CM attached
Screen Size	2.12 in. x 2.12 in. (320 pixels x 320 pixels)
Weight	21 oz. (595g) including 4 AA alkaline batteries, excluding other accessories.
On-board Protocol Library	Stores up to 500 protocols
Security	Cassette/keypad lock and three customizable security access levels: keypad code; clinician code; administrator code
Accuracy	+/- 6% (nominal)
Delivery Methods	Continuous rate; PCA dose; Clinician bolus; Intermittent Bolus
Reservoir Volume	0 to 9999 mL; programmable in 1 mL increments, displayed in 0.1 mL increments
Units	Milliliters (mL), milligrams (mg), micrograms (mcg)



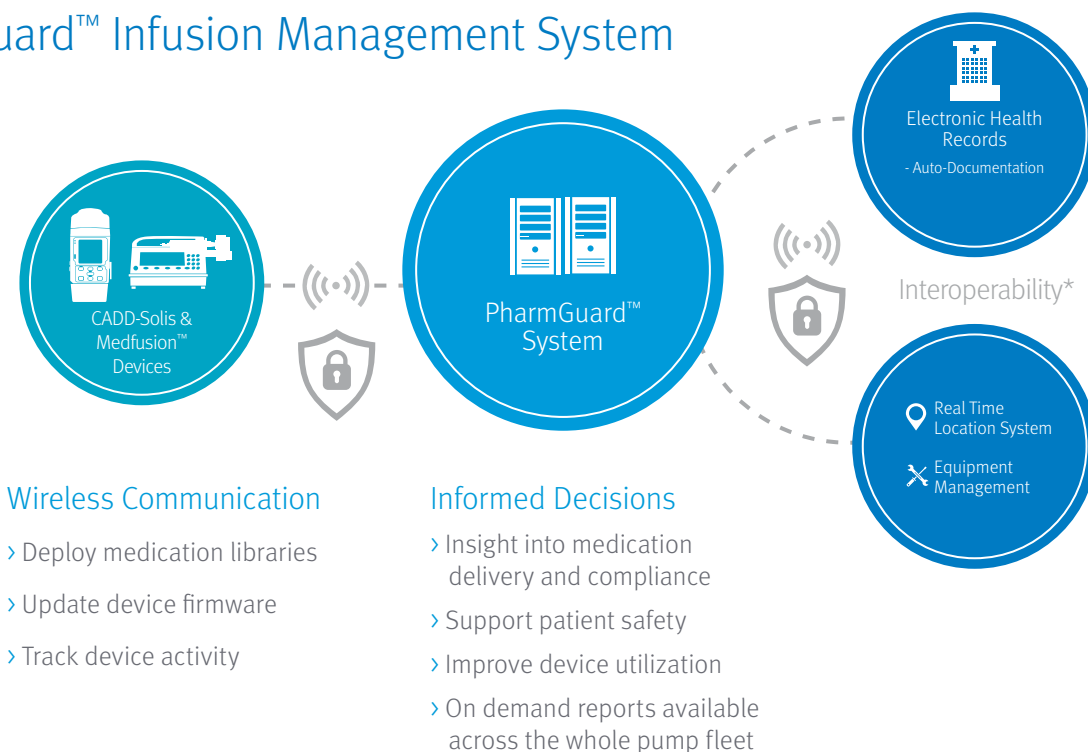
Wireless Communication Module Specifications

Battery type	Rechargeable Lithium-ion battery (2 cells) Equivalent Lithium content <1.6 g
Battery capacity	18.7 Wh (when fully charged)
Battery output	3.6V (nominal)
Rechargeable battery weight	<100 g
Product battery life	400 full cycles (charge / discharge) at room temperature, 23°C (73°F) Battery discharge cycle of 11 hours at nominal condition
Maximum charge time (low battery to full charge)	10 hours when plugged into AC Adapter
Communication Module Wireless Range	36.5 meters (120 feet) line of sight operation with access point

802.11 a/b/g/n Network Configurations Supported

Network Mode	Select the network mode to match the network: 802.11 a/b/g/n 802.11 b/g/n 802.11 a/n
Authentication Mode	OPEN WPA-ENT WPA2-ENT WPA-PSK WPA2-PSK
EAP Mode	None EAP-TLS (v1.0 and v1.2) EAP-TTLS EAP-PEAPV0 (PEAP with MS-CHAP v2) EAP-PEAP v1 (PEAP with GTC) EAP-LEAP EAP-FAST NOTE: EAP mode is not applicable for OPEN, WPA-PSK, WPA2-PSK authentication mode
Encryption Mode	The encryption mode for the network: TKIP CCMP TKIP/CCMP None
Wireless Encryption Key	You can either enter a key consisting of 64 characters or a passphrase consisting of between 8 and 63 printable ASCII characters NOTE: This field is not used with Enterprise authentication modes
Identity	Enter your identity (if necessary)
Client Certification	Client Certificate: Browse to select your client certificate file (in .pem format with maximum size of 8000 bytes) Client Key: Browse to select your client key file (in .pem format with maximum size of 4000 bytes) Private Key Password: Enter your private key password Certificate of Authority: Browse to select your certification authority certificate file (in .pem format with maximum size of 8000 bytes)
Certificates	SSL SHA-1 SSL SHA-2

PharmGuard™ Infusion Management System



* PharmGuard™ Interoperability software is licensed separately.



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Care Safer.™

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