LifeCare PCA™
Patient-Controlled Analgesia Infusion System with Full IV-EHR Interoperability
With the ICU Medical LifeCare PCA patient-controlled analgesia infusion system, you can be confident you are safely delivering the right drug at the right dose to the right patient in the right concentration.

As the first and only PCA system with an integrated barcode reader and full IV-EHR interoperability, LifeCare PCA offers streamlined programming and enhanced wireless and physical security to help you provide pain management therapy while helping deter diversion.

Help put patients at ease with

Safe and Secure Pain Management

Reduce IV Medication Errors
Streamline Clinical Workflows
Enhance Security and Address Diversion
Connect to Your Electronic Health Record (EHR)
Reduce medication errors at the bedside with a PCA system designed with safety in mind

LifeCare PCA’s unique patient safety technology helps you reduce medication errors through a series of features that put you in control of the infusion process, while putting your patients at ease with a system specifically designed for the self-administration of pain medication.

Help protect your patients and staff with the first and only PCA that has:

- A fully integrated barcode identification system that automatically recognizes medication and concentration, with on-screen confirmation after the medication is loaded.
- Full IV-EHR Interoperability that includes Smart Pump Programming, Infusion Documentation, Alarm Forwarding, and Real-Time Location Services (RTLS).

Ensure 100% of infusions are programmed within drug library limits

- LifeCare PCA automatically starts in the drug library when you are using ICU Medical MedNet™ safety software, leading to increased dosing accuracy.
- Hard and soft limits in the drug library are utilized for every infusion to maximize medication safety, improve compliance, and enhance medication safety.

Unmatched drug library compliance

With ICU Medical MedNet/IV safety software, your programming sequence automatically starts in the drug library, ensuring compliance of 100% with LifeCare PCA. The ICU Medical Plum 360™ also starts in the drug library, showing average compliance rates of 98%.

PCA “use errors” can be potentially reduced by 79% through the LifeCare PCA barcode system and interoperability.
LifeCare PCA is designed with unique features to enhance usability and streamline workflows.

While medication safety and dosing accuracy are the prime drivers of LifeCare PCA’s unique design, the system’s clinician-centric usability features help improve efficiencies and streamline workflows.


Intuitive, User-Friendly Design
- Easy-to-read confirmation screens
- Straightforward programming screens
- Clear, easy-to-read numeric keypad with larger numerical buttons and improved tactility

Glass Vials
- Barcoded glass vials are compact and easy to store in dispensing cabinets. Vials can be custom filled and bar coded by a compounding pharmacy or the hospital pharmacy.
- Glass vials have graduated markings to easily assess remaining medication volume

Automatic Drug Recognition
- LifeCare PCA automatically recognizes the medication, and concentration, eliminating the need to manually associate the medication from the drug library list.

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- Glass vials have graduated markings to easily assess remaining medication volume
Enhanced pump security assists you in your efforts to prevent drug diversion

Opioid diversion is a significant cause of opioid abuse, with about half of all individuals who misuse opioids getting the drugs from a family member or friend who has been safely and appropriately prescribed the drug, according to data from the Substance Abuse and Mental Health Services Administration (SAMHSA).

LifeCare PCA is designed to help you keep medications secure and out of the hands of those for whom it was not prescribed.

Features that help prevent diversion:

- LifeCare PCA’s keypad locks after infusion begins for added safety
- The medication vials used in the system resist tampering
  - Glass material for vials to deter diversion
- LifeCare PCA’s door and pole clamp are securely locked by a proprietary key
  - Tamper-resistant door – less flexing in material and reinforced design
  - Increased door rigidity reduces flexing to deter forced entry
- The door is electronically monitored by the pump and triggers an alarm if opened during an infusion
- Interoperability can provide real-time visibility of opioids delivered at the bedside that can help with tracking and monitoring of medications

Drug diversion may cause undue suffering to patients, can be costly to an organization by damaging its reputation, and may lead to major civil and criminal monetary penalties.

2 https://www.jointcommission.org/assets/1/23/Quick_Safety_Drug_diversion_FINALs.PDF
The LifeCare PCA infusion system is the first and only PCA system with an integrated barcode reader for drug identification and full IV-EHR interoperability. It also offers streamlined programming and enhanced wireless security, helping you provide accurate pain management therapy through safety-enhanced technology.

These features provide you with an added level of confidence in the safety and efficiency of PCA administration in your facility.

Currently providing patients with all four essentials of IV-EHR interoperability

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Only ICU Medical delivers all four IV-EHR interoperability profiles.

1. Smart Pump Programming
   - Increase safety by eliminating risk of programming errors
   - Reduce the number of steps and time spent programming

2. Infusion Documentation
   - Maximize clinical efficiency and accuracy by eliminating manual charting
   - Drive best practices and optimize critical thinking by sharing infusion data

3. Alarm Forwarding
   - Increase clinical efficiency and patient safety
   - Improve response to alarms and reduce alarm fatigue

4. Real-Time Location Services
   - Reduce time spent looking for pumps with room-level location views
   - Identify pumps for use, maintenance, or distribution with real-time status

Percentage of chart completion improved from 70% to 97% after interoperability
A commitment to exceptional ongoing technical support and clinical education

Our commitment to you doesn’t end with the purchase. We provide a dedicated support organization with a wealth of knowledge, resources, and technical training opportunities to help you maximize the value of your investment in ICU Medical products.

When you choose ICU Medical, you are choosing a true partner who will be with you every step of the way, offering:

› Best-in-class technical and clinical in-servicing
› Dedicated field service engineers available
› Personalized instructional materials