

Pyxis® ES platform solutions for hospitals and IDNs

Pyxis® Anesthesia ES system

Medication management in the operating room (OR) and procedural areas is complex, with mounting pressure on hospitals and integrated delivery networks (IDNs) to ensure medication availability and regulatory compliance while reducing expense. To thrive—standardizing on best practices, eliminating waste and constructing a foundation for growth are critical.

The new Pyxis Anesthesia ES system from CareFusion extends the value of Pyxis ES platform solutions to OR and procedural areas. Redesigned from the ground up, the system provides simple, safer clinical workflows centered on the patient and security enhancements that promote medication safety and hospital compliance efforts. Powered by Pyxis Enterprise Server, it offers the same innovative enterprise-wide capabilities as Pyxis MedStation® ES system.



Pyxis Anesthesia ES system advantages

- Streamlines medication management in OR and procedural areas
- Gives pharmacy visibility to medication inventory and utilization
- Speeds access to medications and supplies when and where needed
- Leverages integration with healthcare information technology (HIT) systems
- Provides simple, safer clinical workflows centered on the patient
- Simplifies system support, and reduces IT footprint
- Increases medication security and safety
- Centralizes medication management across the health system

Pyxis®



Improving medication management in OR and procedural areas

A platform approach for hospitals and health systems

Pyxis Anesthesia ES system features many core Pyxis Anesthesia system capabilities, such as secure, quick access and electronic documentation for controlled substances and waste. The system also automates charge and cost capture and facilitates administration verification and medication tracking. However, the strength behind the Pyxis Anesthesia ES system is in its simple, safer patient-centric workflows, enhanced security and innovative capabilities that can be leveraged across the health system in unprecedented ways:

- Anesthesia providers can decrease manual documentation
- Pharmacy can manage just one synchronized formulary
- IT can manage user sign-on privileges
- Staff can access reports from any web browser

Providing a new approach to patient-centric care—simple, safe and secure

Workflows centered on the patient

Pyxis Anesthesia ES system features enhancements to clinical workflow that help keep the focus on the patient. When anesthesia providers need a medication for a patient during a case, they can access it right where they are in the Patient Case screen without interrupting their workflow. Anesthesia providers have visibility to medications that have been removed for the patient—both from Pyxis Anesthesia ES system in the OR and from Pyxis MedStation ES system before the patient arrives to the OR. Information access integrated with the anesthesia provider's workflow helps eliminate wasted steps.

Additional support for increased medication safety

A new user interface helps anesthesia providers more easily find the information they need. For example, highlighted patients with the same last name enables providers to more carefully select the correct patient. In addition, barcode-scanning technology helps reduce risk of medication errors during the replenishment process.

Security enhancements for more protection

Pyxis Anesthesia ES system helps promote hospital compliance efforts and protects patients, anesthesia providers and pharmacy by strengthening control over system access with advanced biometric technology and a new controlled access drawer for bulkier high-risk medications. An innovative software solution provides warnings and reminders during medication removal and electronically documents waste and returns during workflow.





Meeting the needs of pharmacy and IT departments

Enhanced formulary and user management for pharmacy

Pyxis Anesthesia ES system supports standardization efforts, helping hospitals increase efficiency and reduce costs. Integration between Pyxis Enterprise Server and the pharmacy information system (PIS) results in one synchronized formulary for the entire health system, which can be customized as needed for a particular hospital. By integrating with Active Directory, the system enables IT to manage user access—enabling pharmacy to focus on managing user privileges within the Pyxis Anesthesia ES system. User roles can be defined once and layered to save time, support customization and increase consistency in a single facility or across the IDN.

Improved system management for IT departments

Pyxis Anesthesia ES system is built on the Pyxis ES platform, designed for increased uptime and decreased IT support. Flexible enterprise-ready server deployment options—such as turnkey hardware, software only and VMware ready—are available to fit the unique capacity, scope and IT environment of the hospital or hospital system. Centralized integration between Pyxis technologies and the HIT minimizes the amount of IT infrastructure required.



Pyxis Anesthesia ES system

Medication management in OR and procedural areas

New user interface

Provides patient-centric workflows that increase medication safety and efficiency.

2D barcode scanner

Supports the station replenishment process.

Biometric access system

Increases system security.

USB
(charging only)

Uninterruptable
power supply

Thermal printer

Open access half-height matrix drawers

Provides rapid access to non-controlled medications and supplies.

Open access full-height matrix drawers

Provides rapid access to larger non-controlled medications and supplies.



Codonics™ Safe Label System™ SLS 500i™ (optional)

Supports labeling requirements, and provides electronic medication safety checks.

Secure MiniDrawers

Provides secure storage for controlled substances.

Controlled access pop-matrix drawer

Provides controlled access storage for large high-risk medications.

Return bin

To learn more about the new Pyxis ES platform, Pyxis Anesthesia ES system and additional Pyxis technologies, contact your CareFusion sales representative or communications@carefusion.com.

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