



CareFusion

Pyxis[®] Perioperative Solutions

Save time. Reduce costs. Simplify compliance.
From nursing floors to ORs.



Pyxis® Perioperative Solutions from CareFusion offer technologies and services that help clinicians **save time** while providing hospitals a verifiable return on investment.



Complex challenges. Efficient, cost-effective solutions.

Pyxis Perioperative Solutions from CareFusion provide a platform of technologies and services that help make the care process easier for clinicians and safer for patients. Our comprehensive approach to supply management helps hospitals streamline workflow, improve financial performance and achieve regulatory compliance throughout the hospital, by helping:

- Reduce manual processes
- Increase supply availability
- Automate reordering to reduce stockouts
- Track supply usage and chain of custody
- Meet regulatory requirements and standards
- Improve charge capture and case costing
- Increase billing accuracy
- Connect with clinical information systems
- Turn data into actionable intelligence
- Establish best practices

One flexible platform. Multiple proven technologies.

Pyxis Perioperative Solutions provide a single platform you can build on and leverage to meet your specific needs:



Open access



Secure access



Hybrid



Mobile



RFID



Regulated

Save time.



Reduce costs.



Simplify compliance.



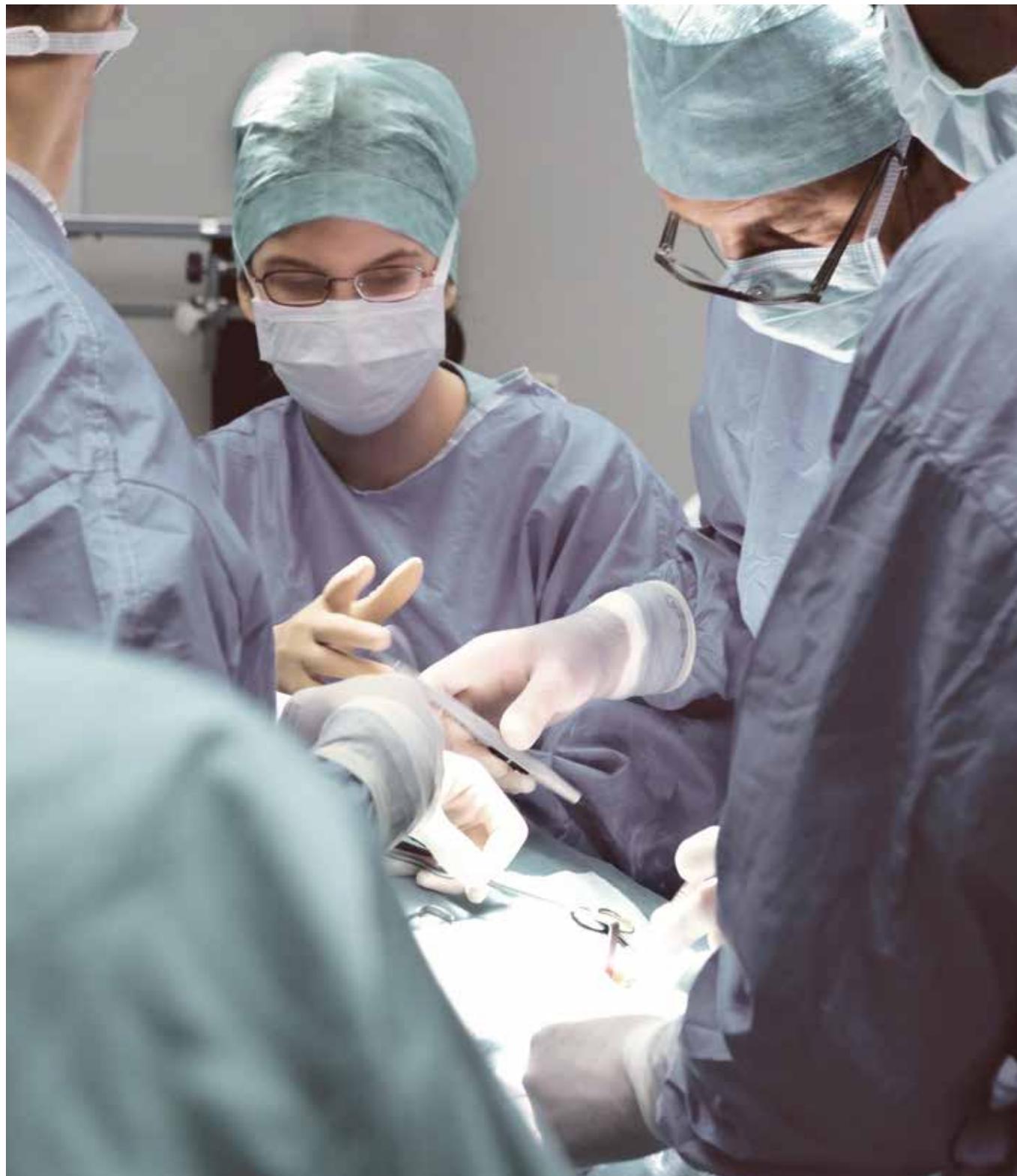
Save time.

Reduced clinical documentation time by 10.9 minutes per case.¹

Throughout the hospital, Pyxis supply technologies reduce manual charting tasks and help ensure supplies are available when and where they are needed. And nowhere is this more critical than in the fast-paced OR. With integration between your supply automation technologies and operating room information system (ORIS), nurses can spend less time on documentation and more time where it matters most—with patients.

Inefficiency. A barrier to patient care and optimal performance:

- Approximately 35% of nurses' time is spent on documentation—and only 19% is spent on direct patient care.²
- Average distance traveled by nurses per 10-hour shift is three miles.²
- Every 1% of wasteful work hospitals eliminate can help improve their operating margins by 0.25%.³



Chart, charge and reorder with the touch of a button.

Pyxis supply technologies offer unparalleled connectivity and interoperability with hospital information systems to help ensure successful integration with your existing IT infrastructure. The ability to chart, charge and reorder with just the touch of a button helps ensure item usage is automatically charted and accurately documented, sent directly to the billing system and reordered promptly to avoid stockouts.

Benefits include:

- Rapid access to inventory throughout the hospital.
- Improved charge capture and case costing.
- Reduced manual data entry and documentation errors.
- Streamlined case pick process.
- Immediate access to inventory, usage and replenishment information.
- Accurate data and actionable intelligence.

Specialized services help hospitals identify opportunities for efficiencies. Dedicated teams work with you before, during and after implementation to continually optimize your Pyxis supply technologies and protect your bottom line.



Save time with ORIS integration.

Connect workflow and data accuracy.

By integrating supply automation technologies with your ORIS and materials management information system (MMIS), CareFusion helps your hospital staff bridge the gap between workflow and data accuracy in the OR. With supply usage transmitted directly into the EHR record, hospitals can save clinician time, reduce manual error risk and improve financial performance.

With ORIS integration, one hospital has already experienced:

- A reduction in overall implant charting time by an average of 57%.
- 50% reduction in back-end reconciliation of items in surgical procedures, from 40 minutes to 20 minutes.

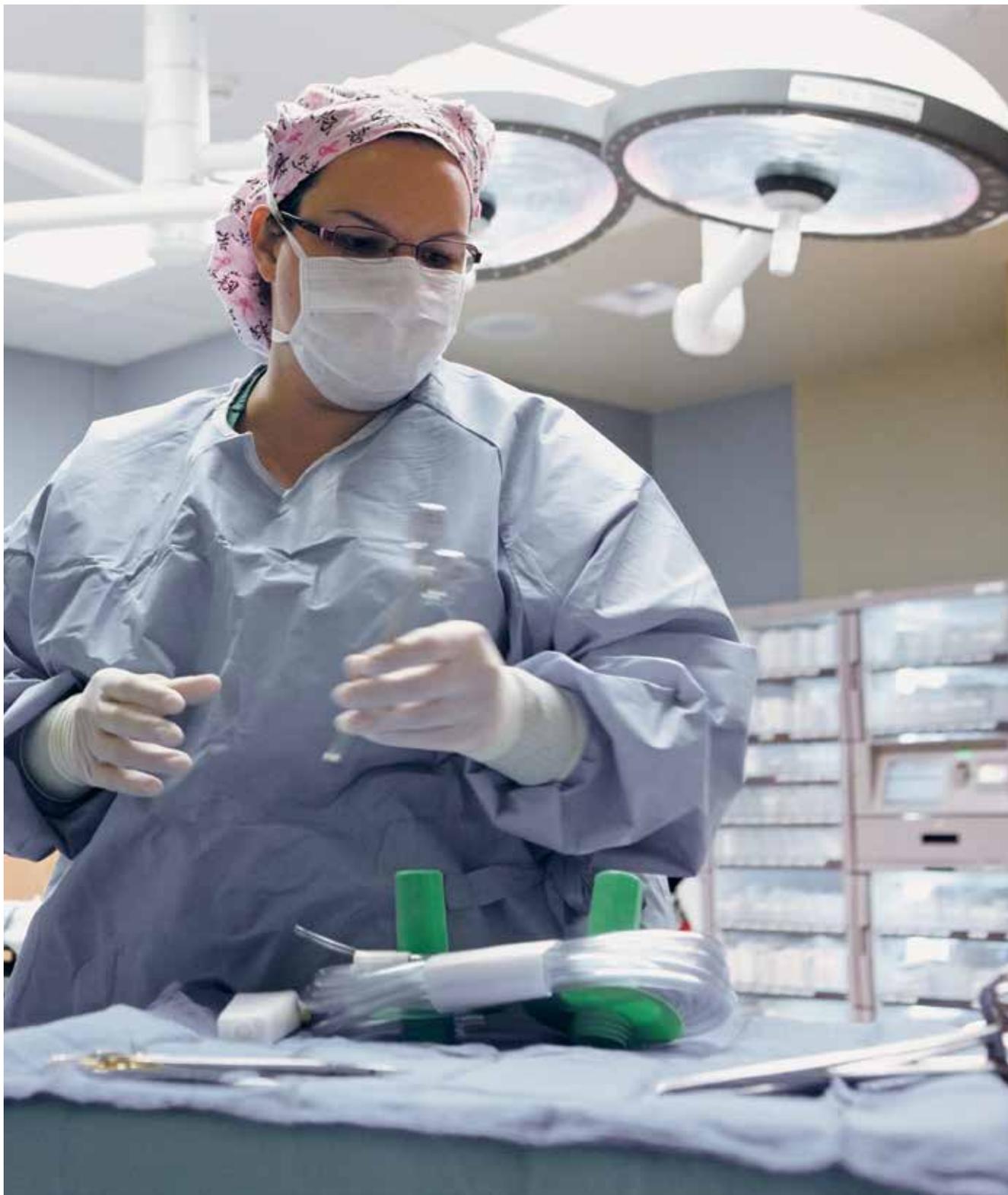
Reduce costs.

Improved the bottom line by nearly \$3 million⁴—in just the first year.

Pyxis supply technologies help provide a continuous return on investment for bottom-line results. The flexible platform allows you to build on and leverage existing systems to more efficiently manage your supply inventory, improve case costing and charge capture, increase billing accuracy and help prevent diversion.

Rising costs. The impact of the supply chain:

- Supply expenses account for approximately 30% of hospital expenses, the second-largest expense for hospitals after personnel costs.⁵
- Nearly half of a hospital's total supply spend is in the OR.⁶
- The healthcare industry could save up to \$11 billion with efficient supply chain management.⁷





“Using Pyxis supply technologies at one facility, we’ve seen an increase in incremental charges of \$2.3M and net revenue increase of \$1.4M.”

Dan Humphrey
System Executive Supply Chain Services
Memorial Hermann Healthcare System



Our proven technologies have helped hospitals eliminate up to 97% of lost charges³ by automating supply documentation.



Simplify compliance.

Help meet federal and The Joint Commission standards.

Pyxis supply technologies support compliance with increasingly stringent regulatory requirements for controlled substances, tissues, biologics and implants by helping ensure accurate data recording and tracking throughout the chain of custody. Pyxis supply technologies connect to established hospital systems and reduce the risk associated with manual documentation errors, item contamination, expiration, recall and diversion.

Compliance. Helping keep patients safe:

- The Joint Commission mandate states that all tissues, biologics and implants be tracked and documented from acquisition to implantation or disposal.
- Medications and controlled substances regulated by state and federal agencies must be secure and accurately tracked.



Turn data into actionable intelligence.
Identify problem areas to optimize performance.

Analytics generated by your Pyxis supply technologies provide enhanced supply performance visibility by key performance indicators—such as inventory accuracy, in-stock percentage, user compliance and supply spend analysis. From your desktop, you can view data on a macro and micro level—for an IDN, hospital, specific station, item, procedure or physician/user. Our optional integrated analytics solutions, such as the Knowledge Portal for Pyxis technologies, avoid hospital IT footprint and deliver insight to facilitate timely decisions and identify improvement opportunities necessary for optimal supply chain performance.



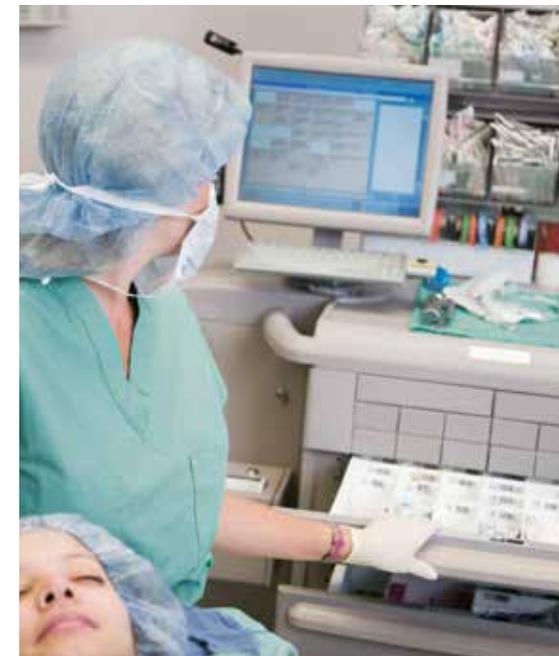
Secure



Mobile



Open and Hybrid



Regulated

“The Knowledge Portal for Pyxis technologies allows you to be proactive instead of reactive. It gives you the information people want to see and the ROI numbers they’re looking for.”

Mike O’Conner
MMIS Coordinator
Flagstaff Medical Center

One flexible platform. Multiple areas of use.

Nursing Floors

Emergency Departments and ICUs

Labor and Delivery

Case Pick Areas

ORs and Post Anesthesia Care Units

Cath Labs and Interventional Suites

Sterile Processing Departments

Storerooms and Warehouses

Central Supply Departments

Clinics and Surgery Centers

Proven technology. World-class support.

CareFusion implementation teams, field specialists and clinical advisors help ensure your Pyxis supply technologies run smoothly, meet your goals and protect your bottom line. With one of the largest support teams in the industry, we have the staff and expertise to guide you every step of the way.

Premier customer service

- #1 by independent ranking, *MD Buyline*

Education and customized on-site assessments

- Help you achieve maximum productivity

24/7/365 technical support

- One phone call away to regional call centers or self-service online case submittal, if preferred

Award-winning Remote Support Services

- With more than 50,000 active device connections





More time for
patient care.

**Better financial
performance.**

Pyxis Perioperative
Solutions

References

1 Case study: Beaufort Memorial Hospital case study. CareFusion 2009. Results reflect hospital facility's processes in combination with Pyxis technologies. 2 Hendrich A., Chow MP., Skierczynski BA., Lu Z. A 36-hospital time and motion study: How do medical-surgical nurses spend their time? *Perm J*. Summer 2008, 12(3):25–34. 3 Murphy, M. *Eliminating wasteful work in hospitals improves margin, quality and culture*. Washington, DC: Murphy Leadership Institute, August 2003. 4 CareFusion case study: Munroe Regional Medical Center case study. CareFusion, 2009. Results reflect hospital facility's processes in combination with Pyxis technologies. 5 Long, G. Pursuing supply chain gains. *Healthc Financ Manage*. September 2005, 59(9):118–122. 6 SMG ORs with 3K > annual procedures and >100 beds (OR data). 7 EHCR. Healthcare Industry study reveals \$11 billion in potential supply chain savings. Computer Sciences Corporation (CSC), December 1996. Press release. 8 CareFusion case study: St. John's Medical Center case study. CareFusion, 2007. Results reflect hospital facility's processes in combination with Pyxis technologies.

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