Simplify tissue tracking and documentation to help meet regulatory compliance

BD Pyxis™ Tissue & Implant Management System

Increasingly stringent regulations for tissue and implant management require hospitals to update their current tracking procedures and establish reliable, automated practices that reduce the risk of contamination and disease transmission. The BD Pyxis™ Tissue & Implant Management System creates an electronic chain of custody, from receipt to implantation, to help you meet safety requirements while streamlining workflow.

The BD Pyxis™ Tissue & Implant Management System is a cloud-based software designed to help hospitals meet the The Joint Commission (TJC) and FDA regulations for tracking tissue and implant through various functions:

- Confirming package integrity and verifying that suppliers are FDA registered
- Notifying staff of item arrival and expediting transfers
- Helping distinguish between items using a unique identifier
- Automating continuous temperature monitoring
- Accurately documenting staff and materials used in preparation
- Facilitating 10-year data storage for recall support

An electronic chain of custody

TJC standards TS.03.01.01, TS.03.02.01 and TS.03.03.01, as well as recommendations by the Association of periOperative Registered Nurses (AORN), state that tissue and implants must be tracked and documented from acquisition to implantation or disposal. In combination, the BD Pyxis™ ProcedureStation and BD Pyxis™ Tissue & Implant Management System help automatically ensure compliance and improve overall tissue and implant management. The solution supports Health Information Portability and Accountability Act (HIPAA) guidelines for communication of patient information, as well as FDA regulations for a unique device identification (UDI) system to capture and track key information, including the lot number, serial number and expiration date of each item in inventory.

Key advantages

- Centralizes tissue and implant information in one database
- Alerts staff to tissue and implant expiration and potential infection or contamination due to temperature-sensitive items being out of range
- Helps ensure item availability and charge capture accuracy with the BD Pyxis™ ProcedureStation system
- Automates completion and distribution of tissue usage information cards
- Enables radio frequency identification (RFID) tracking when paired with compatible BD Pyxis™ supply solutions
- Helps enable data management and storage—including documentation, analytics and support for adverse events, expirations and recalls

The BD Pyxis™ ProcedureStation system with the BD Pyxis™ Tissue & Implant Management System is part of a flexible, robust supply management solution built from a single platform, BD Care Coordination Engine (CCE). CCE enables interoperability with the operating room information system (ORIS) so that as needs evolve, hospitals can leverage and add technologies, standardize processes and easily access centralized information and reporting.

BD Pyxis™ Tissue & Implant Management System peripherals

BD Pyxis™ Tissue & Implant Management System application

BD Pyxis™ Remote Manager*

Zebra barcode scanner*

Zebra label printer*

Temperature monitoring device*

Temperature monitoring device*

BD Pyxis™ ProcedureStation system*

Transactional data for your BD Pyxis™ ProcedureStation system is automatically populated into the BD Pyxis™ Tissue & Implant Management System. This secure solution captures key UDI elements and information, including lot number, serial number and expiration date.

* Optional items are not included with the purchase of the BD Pyxis™ Tissue & Implant Management System.

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