

Medical Technology for the IT Professional: An Essential Guide for Working in Today's Healthcare Setting

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To help healthcare IT professionals understand IT-intensive medical equipment, ECRI Institute, an independent nonprofit that researches the best approaches to improving patient care, has released a new reference book, *Medical Technology for the IT Professional: An Essential Guide for Working in Today's Healthcare Setting.*

Medical Technology for the IT Professional covers medical technologies that are heavily IT-based or highly integrated into IT infrastructures. It examines medical-device-related security and patient safety concerns to allow IT professionals to effectively contribute to their hospitals efforts to support, acquire, and implement IT-based medical technologies.

Eight of the book's 10 chapters examine specific medical technologies, such as physiologic monitors, clinical laboratory analyzers, infusion technology, asset tracking systems, OR integration and surgical video systems, anesthesia information management systems, telemedicine, and imaging systems, and then dive deeper into the challenges they present to IT.

Illustrations and clear-cut language help you fully understand:

Components and functions behind technologies like infusion pumps and RFID

How to address interfacing, software applications, installation and data integration issues

Factors impacting acquisition, implementation, patient safety and ongoing support of medical technology



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