

Encore Helps University of Mississippi Medical Center Automate Implant Tracking

CHALLENGE


The University of Mississippi Medical Center (UMMC) is in the process of initiating several large IT initiatives. Currently, all intraoperative documentation is completed on paper. While all of required pieces of implant information are certainly present, it is impossible to attain a high level of consistency in documentation. Reporting functions are completed using a manual process. This is very time consuming and obtaining complete and accurate information is difficult.

SOLUTION

UMMC engaged Encore to enhance the Perioperative Services' IT systems and processes. As a part of the initiative, Encore worked with UMMC to install Tissue TrackCore. This software assists the nurses in managing and tracking tissue receipt transfer, issuance, validation, implementation and disposal to meet Joint Commission requirements for implant logs. The analysis and implementation of Tissue TrackCore involved all four Perioperative Services areas: UMMC Main OR, Batson Children's OR, Wiser Women's OR and Day Surgery.

Encore designed, built and implemented the foundation for the data warehouse to include surgeons, OR personnel, procedures, the list of implants used at UMMC, and the locations of all implants. The implemented solution included online reporting capabilities, a database built to UMMC's needs, web-based storage, tissue scanning capabilities, and desktop integration.

IMPACT

Through this on-time, on-budget implementation, UMMC gained effective management of implant information. The organization can now make better, timelier management decisions related to purchase of tissue. UMMC can now comply with the Joint Commission requirements in an efficient automated fashion versus the manual, time-consuming process used in the past. 



ABOUT THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

The University of Mississippi Medical Center (UMMC) encompasses six health science schools: medicine, nursing, dentistry, health related professions, graduate studies and pharmacy. Four specialized hospitals on the Jackson campus include the only children's hospital in Mississippi, a women and infants' hospital, and a critical care hospital. UMMC offers the only level one trauma center, the only level three neonatal intensive care nursery, and the only organ transplant programs in the state, in addition to many other referral services.

