

REAL SIMPLE



Fusing **technology** and **intelligence**
to improve patient care.



CareFusion



"Because of ORIS integration, nurses can spend **more time** at the patient bedside."

Marylee Riggio, RN
Director of Surgical Services, Beaufort Memorial Hospital



CASE STUDY*

A Breakthrough at Beaufort Memorial Hospital:

CareFusion Integrates Supply Dispensing Technology and OR Information Systems

Today, hospitals are focusing on the perioperative care areas to address issues surrounding financial performance, clinician workflow and patient safety. Let's look at an impressive example: Beaufort Memorial Hospital, a 197-bed community facility located in Beaufort, South Carolina.

In 2008 Beaufort Memorial became the first hospital in the U.S. to implement an ORIS integration solution—enabling interoperability between the hospital's supply automation solution (Pyxis ProcedureStation™ system) and its OR information management system (Picis® OR Manager).

Immediate results

Hospital clinicians and administrative leaders worked closely with CareFusion—which spearheaded the successful integration of the two systems. Within 60 days, dramatic improvements in several key metrics were achieved:

- 62 percent reduction in overall process time—the time it takes for a supply item to be obtained or dispensed and documented in the OR clinical record.
- 33 percent reduction in implant documentation time—the time it takes for a clinician to document the supplies, implants and staff time required for a surgical procedure.
- An average reduction of 10.9 minutes per implant case in the amount of time spent by nurses charting implant and supply usage in the OR.
- 50 percent reduction in the time required for back-end reconciliation of items used in surgical procedures.
- A substantial improvement in preference card accuracy and charge capture efficiency.

More time with patients

The numbers are impressive, but there's a human side to the story: Nurses now spend less time with administrative tasks and more time with patients—which improves the quality of care and boosts job satisfaction.

Listen to what RN Marylee Riggio has to say, Beaufort Memorial's director of surgical services: "Because of ORIS integration, nurses in the OR can do their jobs more effectively, more efficiently and with more accurate documentation. They save time, and ultimately, they can spend more time at the patient bedside. And there's definitely a patient safety aspect because of all the checks against incorrect documentation."

A healthier bottom line

There's a strong economic benefit for the hospital, as well. According to Andrea Zeman, RN, CNOR, Beaufort Memorial's surgical services staff development manager, the ORIS integration "...is saving time for the team in the OR. While the room is getting turned over for the next scheduled surgery, the system is helping us save time in closing out the billing for the outgoing case. In short, we can get out of the room faster, achieve a lower level of OR supply returns and, ultimately, achieve greater throughput in terms of the volumes of surgeries per day."

This is one more example of how CareFusion is combining data and technology to help improve patient care and enable hospitals to run more efficiently. To learn more, visit carefusion.com/OR.

