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Case
Study

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Meeting Productivity Goals with Versatile Equipment

How Soin Medical Center does it with the Multix Fusion.

Answers for life.

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Soin Medical Center is a 127-bed full-service facility located in Beavercreek, Ohio. Services include emergency care, cardiology, surgery, and radiology as well as a maternity center. The facility is part of the Kettering Health Network.

“The biggest challenge in healthcare right now is reimbursement,” says Rick Helton, medical imaging manager for Soin Medical Center. “This means we have to do more with less, which is why we hire multimodality technologists and why we look for versatile, user-friendly equipment.”

A High-Throughput Facility

A 127-bed facility, Soin Medical Center opened its doors in February 2012 in the very competitive Beavercreek, Ohio market. There are several imaging centers within a five-square-mile radius of the facility, which means Soin Medical Center needs to both reduce costs to meet reform challenges but also remain market competitive in terms of the quality and service it provides to its patients and their referring physicians.

When decision-makers at Soin Medical Center sought a digital X-ray system for its outpatient center within a physicians’ office building, they wanted a system that could meet the varying needs of their technologists, patients, and physicians.

“We run our outpatient facility like a clinic so we needed a machine that could handle large throughput,” says Helton. “There are multiple physicians utilizing the system at the same time, so we need to get their patients in and out as quickly as we can.”

Versatile and Budget Friendly

After evaluating various vendor solutions, decision-makers at Soin Medical Center chose the Multix Fusion digital radiography system, which offers virtually unlimited positioning flexibility, smooth and easy operation, and a free-floating, height-adjustable table. “We went with the Fusion because it offers us the quality and flexibility we need at the price point we wanted,” says Helton.

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Rick Helton
Medical Imaging Manager
Soin Medical Center



Primarily used for orthopedic and spine surgery as well as abdominal screening, the Multix Fusion offers versatility across technologists, cases, and even departments at Soin Medical Center. “With this system, if we ever have any downtime in the radiology department, we know that we can take a patient over to the outpatient center and still get the same image quality that we’re used to seeing in radiology,” says Helton. “And, the same technologists could go over to the outpatient center and run that system.”

User-Friendly, High-Quality Imaging

Lesley Peter, staff technologist at Soin Medical Center, agrees. “The system was really easy for the staff to pick up and use,” she says. “The doctors like it because it gives them a really good gray scale of images and quality, even when we have to scan heavier patients. The system does a really good job.”

Soin Medical Center is also running a Mobilett Mira mobile X-ray system from Siemens. “What Siemens has going for it is the user friendliness and image quality of its systems,” Peter continues. “As a technologist, you want to get your best images as quickly as possible and these systems allow us to do that.”

“What Siemens has going for it is the user friendliness and image quality of its systems.”

Lesley Peter
Staff Technologist
Soin Medical Center

The outcomes achieved by the Siemens customers described herein were achieved in the customers' unique settings. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption), there can be no guarantee that others will achieve the same results.

The speakers are employed by Soin Medical Center and were not compensated by Siemens for participating in this presentation.

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