

KODAK COMPUTED RADIOGRAPHY (CR) SYSTEMS

Cancer Center Implements Efficient Digital Imaging Solution With KODAK 2000RT CR System



When Chief Physicist Ken Weeks, Ph.D., began searching for a digital imaging solution for Rex Cancer Center of Raleigh, North Carolina, he knew exactly what he was looking for.

"We needed a high-quality imaging system that was affordable, supported multiple linear accelerators and simulation devices, and integrated smoothly with our practice management system," notes Dr. Weeks. "We achieved all of our goals with the KODAK 2000RT CR System."

Rex Cancer Center delivers traditional 3-D conformal therapy and is in the process of implementing intensity modulated radiation therapy (IMRT). The center treats about 100 patients a day and is affiliated with the University of North Carolina Health Care System.

The center installed IMPAC Medical Systems Multi-ACCESS practice management software several years ago and began looking for a digital imaging system more than a year ago.

Dr. Weeks and other staff members visited several treatment centers with Kodak 2000RT CR systems prior to making a decision. "We verified that

the 2000RT CR system produced excellent image quality and that it transmitted images smoothly to IMPAC workstations. All the customer sites we visited were extremely satisfied with this solution."

Rex Cancer Center installed three Kodak 2000RT CR systems. One system supports two simulators while the other two CR systems each support two linear accelerators.

"This configuration delivers the productivity and versatility of digital imaging at less than the cost of a single electronic portal imaging system," notes Dr. Weeks.

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Nunzio Esposto, RT(T), inserts exposed media into the Kodak 2000RT CR system for scanning.



Chief Physicist Ken Weeks, Ph.D., and Chief Therapist Vanessa Braswell, RT(T), with one of the linear accelerators at Rex Cancer Center. The center installed three Kodak 2000RT CR systems for monitoring of cancer treatment.



Radiation Therapist Vanessa Braswell, RT(T), performs a quality assurance image quality check on images acquired using the Kodak 2000RT CR system.

Radiation therapists were very impressed with how easy it was to learn to use the system. "After thirty minutes of training, I felt very confident in operating the system," says Vanessa Braswell, RT(T), Radiation Therapist.

The staff is also very pleased with the efficiencies the cancer treatment center has realized thanks to the integration of Kodak 2000RT CR systems.

"Capturing and storing high-quality portal and simulation images digitally has enhanced staff productivity. And being able to view these images quickly and easily on practice management workstations has improved our workflow," reports Braswell.

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