

Choosing the Right CAD System For Your Mammography Workflow



Kodak

*Left: Dr. Fred White,
Hemet Valley
Imaging Center*

*Right: A technologist
scans a
mammographic
study into Kodak's
Mammography CAD
system*

When it comes to choosing computer-assisted detection (CAD) systems for mammography exams, the question is not when, but which one?

Imaging centers, breast centers, radiology departments and other facilities are eagerly embracing the benefits of a computerized second read as an enhancement to patient care.

At the same time, radiologists and technologists need a high throughput system that can deliver both immediate results and helpful diagnostic information. Facilities across the country report that the KODAK Mammography CAD System satisfies their desire for both speed and accuracy.

InSight Health Corp. Lake Forest, Calif.

Gregg C. Daversa, InSight Health Corp.'s Vice President of Technical Services, coordinated the selection of Kodak's Mammography CAD system for installation in 14 imaging centers.

"We researched various vendors and consulted with radiologists and other users about the clinical value of CAD," he

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**— Gregg C. Daversa,
Vice President of
Technical Services,
InSight Health Corp.**

notes. "After conducting site visits of three vendors' systems, we selected Kodak as our sole supplier because of its commitment to continuous performance improvements, the platform's workflow capabilities and Kodak's reputation for service and support."

Once InSight decided to implement CAD, its goal was to complete all 14 installations within 100 days of purchase. Based on Kodak's responsiveness, Daversa said: "In addition to having the CAD system that best fit our goals, Kodak also had the resources to complete installation and training within our required timeframe."

InSight centers were able to introduce the CAD system immediately without interruption to its operations. "The KODAK Mammography CAD system was easy to use and we were able to achieve our desired throughput within the first week. Kodak's CAD system has not negatively impacted our productivity at our centers, even those that perform up to 7,000 screening exams a year," he reports.

From a clinical perspective, Daversa believes the Kodak CAD system performs a value-added diagnostic service that can be important to mammography patients. "We view the KODAK CAD system as a valuable enhancement to the provision of our diagnostic services to our patients," he said.

MedCenter One Bismarck, N.D.

MedCenter One Health Systems' experience confirms that the benefits of CAD are well-known not only in the radiology community but also among the patient population.





**"Kodak's Mammography CAD System offered greater scanning speed and enhanced features."
— Julie Mattern, RT (R)(M), Chief Mammography Technologist, MedCenter One**

bilateral and screening exams at the main facility are analyzed immediately by the KODAK Mammography CAD System. Mammograms from remote facilities are couriered to the main facility for scanning and subsequent review by radiologists.

Mattern and her team evaluated several CAD systems prior to selecting Kodak's.

"As we conducted our examination, we realized Kodak's Mammography CAD System offered greater scanning speed and enhanced features. For example, the automatic orientation of images streamlines the process for technologists and the ability to batch load a dozen or more cases saves time when we are scanning mammograms from our remote sites," she reports. "Our technologists are also impressed with its ease of use."

"Some of our patients have asked if we could offer CAD as a prerequisite to scheduling their appointment with us, so its value is widely accepted," notes Chief Mammography Technologist Julie Mattern, RT (R)(M).

MedCenter One performs mammography services in five different locations. All

Radiologists are pleased with its diagnostic abilities and also appreciate the speed and accuracy offered by the system's bar code scanning. "When radiologists scan the bar code, the patient's mammogram is immediately displayed for viewing. No manual input is required," Mattern explains.

Hemet Valley Imaging Center Hemet, Calif.

Radiologist and Medical Director Fred White, DO, reads 150-200 mammographic studies each month. He reports that the KODAK Mammography CAD system provides valuable assistance in making an accurate diagnosis.

"Our radiologists read screening exams in batches. On several occasions, Kodak's CAD system has helped me confirm that a suspicious area required further investigation. This system gives me added confidence and providing both computer and human analysis enhances patient care," Dr. White notes.

He said he would encourage other facilities to implement CAD, noting that this added diagnostic confidence can be

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— Fred White, DO, Radiologist and Medical Director, Hemet Valley Imaging Center**

"This system is extremely efficient for the radiologists as well as the technologists."

**— Linda Fox,
Manager, Winthrop
University Hospital
Breast Imaging
Center**

*Winthrop
University
Hospital's Breast
Imaging Center*



Winthrop University Hospital's Breast Imaging Center, Mineola, N.Y.

Linda Fox manages Winthrop University Hospital's Breast Imaging Center. While her team was eager to offer patients the benefits of CAD, they were also concerned about staff productivity.

"Anytime you talk about adding steps to our workflow, we get concerned," she notes. "I am happy to report that our fears were unfounded. The KODAK Mammography CAD system is so fast and easy to use that we are able to maintain our pace."

The facility performs CAD analysis on all screening exams, and performs 300-400 screening exams each month.

Radiologists are pleased with both the speed and the results. "By the time the films are hung the CAD results are ready, so this system is extremely efficient for the radiologists as well as the technologists."

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