



Digital Transformation for the Orthopaedic Practice

Perfecting every step of Orthopaedic workflow

Carestream Health provides a complete Computed Radiography, PACS, storage, distribution, billing, and digital output portfolio complemented by business consulting and professional services to improve the productivity and efficiency of busy Orthopaedic practices. Our turn-key solutions offer complete analog-to-digital transformation and assist in improving the accuracy of diagnosis and the quality of patient care.



Digital Capture



Kodak DIRECTVIEW CR

Implementing Computed Radiography is the first step in digital transformation and can enhance operational workflow and provide major reductions in both film and consumable costs. The portfolio's flagship products, KODAK DIRECTVIEW Classic and Elite CR Systems, are ideal for delivering quality and performance to the Orthopaedic practice.

KODAK DIRECTVIEW CR Systems are designed for central and distributed applications where rapid image availability, high image quality, and benchmark productivity are critical. Improved interconnectivity helps improve compatibility across multiple "up" and "downstream" networked devices.

Enhanced customization allows both the Elite and Classic CR Systems to be easily configured to the needs of the practice and the image preferences of the Orthopaedic Surgeon. Improved diagnostic services and on-line context-sensitive HELP feature minimize on-site repair calls and provide enhanced up time.

Advantages at a glance:

- ▶ A distributed or centralized CR system
- ▶ Intuitive and simple to use
- ▶ Compact modular designs
- ▶ Ease of installation and set-up
- ▶ Offers general radiographic exams and long-length imaging



**KODAK
DIRECTVIEW
Elite CR**



**KODAK
DIRECTVIEW
Classic CR**

View and Diagnose



KODAK CARESTREAM PACS MX-Ortho Solution

The KODAK CARESTREAM PACS, MX-Ortho Solution viewing system is designed for high performance digital Orthopaedic exam interpretation. The powerful efficiency of the MX-Ortho Solution will minimize the time to diagnose and consult, providing more time for the surgeon to focus on critical patient care and surgery.

The MX-Ortho Solution offers on-demand access to digital exams for diagnosis and surgical execution—priors and outside images can be archived and standardized for fast review. The system is offered with optional digital templating for prosthesis surgical planning.

The centerpiece of MX-Ortho is an Orthopaedic workstation for image review and advanced measurement tools:

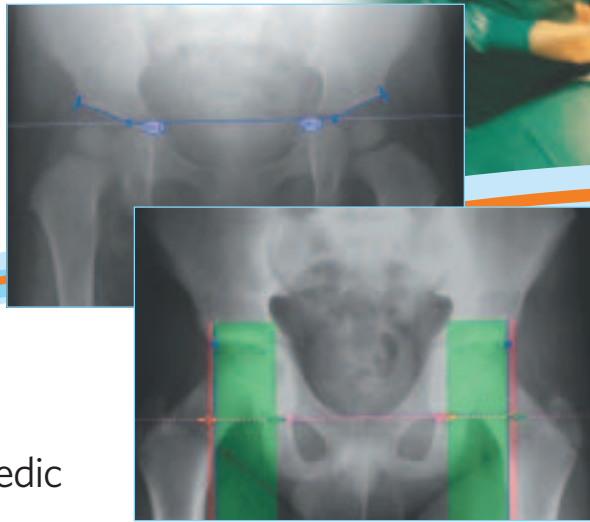
- Review tools include zoom, pan, rotate, flip, and window level adjustments
- Long-length imaging
- True size printing and display
- Edge enhancement
- Measurements tools Including Cobb Angle, Coxometry, Goniometry, and pelvis measurements

Advantages at a glance:

- ▶ A streamlined digital transition
- ▶ Attain PACS operational and cost reduction improvements
- ▶ On-demand access to images
- ▶ Off-site storage archiving options
- ▶ Minimize lost films and re-imaging



Surgical Planning



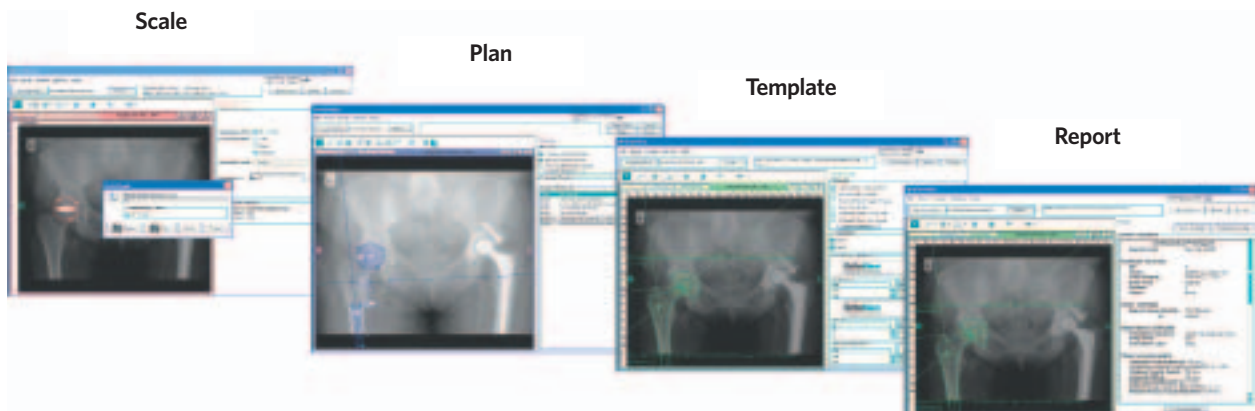
ORTHOVIEW™ Orthopaedic Digital Imaging

The KODAK CARESTREAM PACS, MX-Ortho Solution embraces an open design philosophy by integrating the industry leading ORTHOVIEW™ Orthopaedic Digital Imaging solution. This advanced platform enables surgeons to perform pre-operative planning and templating using digital images.

Orthopaedic surgeons can now scale, plan, template, and report from a soft-copy review station—a 100% filmless environment. ORTHOVIEW™ is faster and easier than manual templating and minimizes the risk of lost or damaged templates. Surgeons are now able to experiment with templates of different sizes and positions—scaling can be more accurate and is much easier with ORTHOVIEW™.

Advantages at a glance:

- ▶ A streamlined scalable system
- ▶ Seamless integration to the MX-Ortho Solution
- ▶ Efficient, fast and productive surgical templating
- ▶ Accurate templating in a filmless environment
- ▶ Wizards simplify templating process



Print and Distribution



CD Direct Software

Carestream Health provides an automated on-demand medical CD-DVD burning system from Rimage to facilitate report and image distribution to both patients and referring physicians.

The system offers multiple patient burning on a single CD-DVD and is ideal for patient transport of images, lessening the cost of film reproductions.

Kodak DRYVIEW 5800 LASER Imager



The DRYVIEW 5800 Laser Imager is designed for the busy Orthopaedic practice that desires reliable printing options. The system provides exceptional image quality, has a table top compact design and is a cost effective solution for high volume printing.

Advantages at a glance:

- ▶ A streamlined design—
325 ppi—2 film supplies
- ▶ Available in 5 film sizes—
Internal DICOM
- ▶ Exceptional image quality—
table top design



Billing Options



EHS™ Billing and Practice Management Option

Carestream Health now offers the EHS Billing and Practice Management System that can be integrated with Carestream Health's digital Orthopaedic portfolio.

Billing information is routed to the appropriate insurance company. Valid claim payments are automatically deposited into the Orthopaedic practice's account eliminating back office manual processing.

Advantages at a glance:

- ▶ A total billing and practice management package
- ▶ Performs pre-qualifications
- ▶ Improve collections—cash flow
- ▶ Claim payments are auto deposited



Archive and Storage



CARESTREAM eHealth Managed Services

CARESTREAM eHealth Managed Services offers an off-site ASP “pay as you go” solution for image archiving, data protection, and disaster recovery. Data is automatically transferred from the Orthopaedic practice and stored at a Carestream Health off-site data center. Carestream Health manages all data availability and security mechanisms.

Data security is enhanced by remote, redundant storage—two copies of images and patient data are stored at all times. CARESTREAM eHealth Managed Services reduces IT expenditures, provides business continuity protection, and reduces the risk of technological obsolescence. The solution alleviates the need for constant storage hardware upgrades while maintaining security and anytime retrieval of medical image and patient information.

Advantages at a glance:

- ▶ No capital expenditures
- ▶ Auto migration and life cycle management of exams
- ▶ Minimizes obsolescence
- ▶ Provides disaster recovery protection
- ▶ Reduces archive maintenance costs

Count on Carestream Health

Carestream Health’s CR, PACS, storage, billing and digital output solutions have been the choice of thousands of medical facilities around the world. Our long tradition of excellence in meeting the needs of Orthopaedic surgeons continues today with an ongoing commitment to research and development.

An undisputed leader in image science and a DICOM market leader, Carestream Health actively participates in a variety of industry standard boards to improve the quality and utility of medical image and patient information.

Kodak

Licensed Product

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More information

To learn more about KODAK CARESTREAM Solutions, contact your Carestream Health representative or call 1-877-865-6325, ext. 655.

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