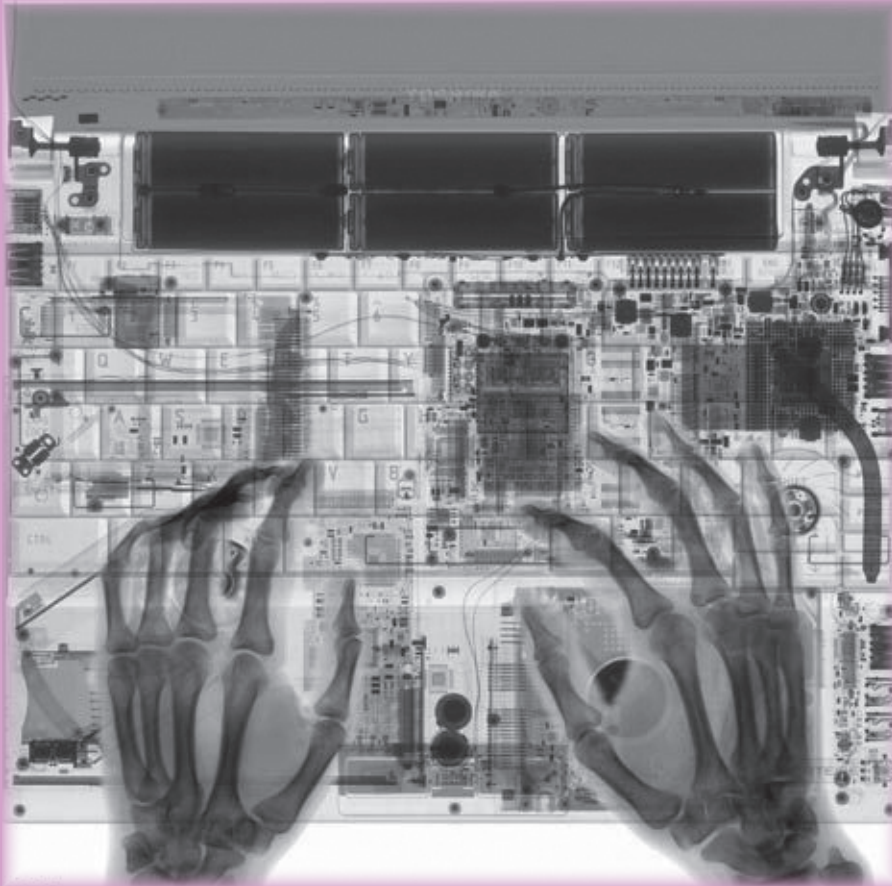


The Evolution to All-Digital RADIOGRAPHY



One-Day Seminar

January 24, 2009 - Albuquerque, NM

March 28, 2009 - Richmond, VA

May 16, 2009 - Toledo, OH

MTMI

Medical Technology
Management Institute

About the Seminar

This seminar will introduce the issues involved in implementing and working with CR and DR. The impact upon work process and the technologists who are involved in using these technologies will be presented. The discussions encountered in this seminar will limit the “computer-speak”, and draw upon the traditional language of imaging technologists to describe the basic workings of CR, DR and PACS. The effects on radiography techniques, equipment, and the practice of medical imaging technology will be discussed. The question - “How is the evolution of digital imaging and information systems affecting quality control, staffing, training of technologists, and support staff requirements?” will be answered. The requirement for standardization of systems will also be addressed.

Objectives

Upon completion of this seminar you will be able to:

- ♦ Define both CR and DR and describe the advantages and potential disadvantages of each.
- ♦ Describe the changes in radiographic techniques associated with CR & DR.
- ♦ Describe the issues involved in using CR and/or DR in the PACS environment.
- ♦ Define each and describe the relationship between PACS, HIS and RIS.
- ♦ Describe the advantages and disadvantages of CRT vs. LCD display in the Medical Imaging environment.

The Instructor



Russell L. Cain, MA, MS, CRA, RT(R) (CT)
Dir. of Diagnostic Imaging
Haywood Regional
Medical Center
Clyde, NC

Continuing Education Credit






This program provides 8 hours of Category A continuing education credit recognized by the ARRT for radiologic technologists, and credit from various licensure states. A certificate of attendance will be provided for each individual upon completion of the seminar. All attendees must attend the entire seminar to receive full credit.

Seminar Schedule

8:00 am	Registration and Coffee
8:30 am	DR versus CR for the Technologist
10:10 am	Informal Discussion and Break
10:20 am	DR/CR Techniques, Enhanced Applications and Artifacts <ul style="list-style-type: none">♦S numbers/Exposure Index♦Changes in techniques (kVp, latitude, etc.)♦Teleradiology♦Artifacts♦Portables
11:10 am	Integrating DR/CR Images into PACS/RIS/HIS <ul style="list-style-type: none">♦PACS components♦Understanding the lingo (DICOM, work-lists, frame-grab, soft copy, WAN, LAN, jukebox, server, etc.)♦Workstations♦Archiving
12:00 pm	Lunch (on your own)
1:00 pm	The Impact of DR/CR <ul style="list-style-type: none">♦Eliminating the file room<ul style="list-style-type: none">♦re-staffing needs♦Work flow efficiencies<ul style="list-style-type: none">♦making it work for you♦Feasibility of the all digital department<ul style="list-style-type: none">♦can we get along without a processor♦Retraining to survive♦Cost savings to make it pay
1:50 pm	Softcopy Display of DR/CR Images <ul style="list-style-type: none">♦CRT vs. LCD♦Applying window width and level♦QA of softcopy vs. film
2:15 pm	HL7, DICOM3 and IHE <ul style="list-style-type: none">♦Definition♦Telemedicine issues♦Impact on Radiographers
2:40 pm	Informal Discussion and Break
2:50 pm	Digital Imaging and HIPPA <ul style="list-style-type: none">♦Impact of HIPPA on the Digital Workplace♦Effects of HIPPA
3:40 pm	Survival Skills for the RT <ul style="list-style-type: none">♦Ethics of imaging♦Staying up-to-date♦Stress management
4:30 pm	Adjourn

Registration

To register for this seminar:

-  go to www.mtmi.net or
-  complete the registration form below and
-  mail it with your tuition to **MTMI**, or
-  call **(800) 765-6864** using MasterCard or Visa, or
-  fax the form to **(262) 717-9171** w/credit card info

- Refunds, minus a \$30 processing fee, will be granted for cancellations received prior to the Tuesday before the seminar.
- Cancellations received after the Tuesday preceding the seminar will receive a credit toward a future **MTMI** seminar, minus the \$30 processing fee. No refunds will be made after the seminar.

Registration Discounts:

Group discounts - must register at the same time:

- 3-5 attendees receive a 5% discount on each registration
- 6+ attendees receive a 10% discount on each registration

The discount is not applicable if the tuition is paid by purchase order. For student rates, contact **MTMI**. Members of **MTMI** receive a 10% discount. Only one discount may be applied except for Institutional Members.

MTMI reserves the right to cancel any scheduled program because of low advance registration or other reasons.

MTMI's liability is limited to a refund of any program tuition paid. **MTMI** recommends that attendees use refundable airline tickets. In case of cancellation of a seminar for any reason, **MTMI** is not responsible for travel costs incurred by attendees including non-refundable airline tickets.

Registration Form *The Evolution to All-Digital Radiography* Date/City: _____

Please Print Clearly - This is how your name will appear on your certificate.

Name: _____ degree/title _____

Home Address _____ City _____

State: _____ Zip code: _____ *e-mail _____

* registration confirmation will be sent to this e-mail address - **print clearly**

Day phone () _____ Eve. phone () _____ FAX () _____

Credit Card Number _____ Master Card Visa

Expiration Date _____ Signature _____

Please enclose payment to MTMI:

- \$42.50 Yes! Enroll me in an Annual **MTMI** membership (discount effective immediately)

Regular price: \$189 (**MTMI** members \$171) - within 14 days of seminar

Advance price: \$179 (**MTMI** members \$161) - 14 days before seminar

At-the-door price: \$199 (**MTMI** members \$179)

Group discount: 3-5 attendees (5%) (**must register together**)

- 6 or more attendees (10%) (**must register together**)

Total:
\$ _____



Call 800-765-6864
2 weeks before the
seminar if you have
special needs.

Return to: **MTMI** ♦ 20900 Swenson Dr., Suite 650 ♦ Waukesha, WI 53186

800-765-**MTMI**(6864) or 262-717-9797 or fax 262-717-9171 or e-mail custservice@mtmi.net

Your satisfaction with **MTMI** programs is guaranteed, a guarantee we are confident you won't need to use.

Membership

Membership in the Medical Technology Management Institute includes:

- discounts on **MTMI** services
- member newsletter
- web access to **MTMI** records
- yearly transcripts
- special benefits throughout the year exclusive to members

Joining **MTMI** with this registration qualifies you for the member price. Check the membership box on the registration form or call **MTMI**. Annual membership dues for technologists are \$42.50. Seminar discount effective immediately.

Location & Accommodations

Specific location and accommodation information will be listed on our website as soon as arrangements have been made.

**Please go to:
www.mtmi.net
or call
800-765-6864**

Contact the hotel directly to make reservations and identify yourself as attending the **MTMI** seminar.

MTMI

Medical Technology
Management Institute

20900 Swenson Dr., Suite 650
Waukesha, WI 53186

Please Route to:

<input type="checkbox"/> Department Head	<input type="checkbox"/> Chief Technologist
<input type="checkbox"/> Facility Manager	<input type="checkbox"/> Section Supervisor
<input type="checkbox"/> Radiology Manager	<input type="checkbox"/> Staff Technologist

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The Evolution to All-Digital RADIOGRAPHY

One Day
Seminar

This seminar, "**The Evolution to All-Digital Radiography**" provides:

- An understanding of DR and CR imaging including similarities and differences.
- Insight into the changes in techniques and procedures required for digital systems.
- The role of the digital images in the all-electronic medical record and HIPPA
- New QC requirements for the electronic display of digital images.
- How this revolution in radiology will affect you.

Your satisfaction is guaranteed!

Is your career moving in the right direction?

Go to www.mtmi.net and see the many cross-training opportunities available.

- Comprehensive Mammography Training Course
- Breast Ultrasound Course
- CT Training Course for Technologists
- MRI Training Course for Technologists
- PACS Administrator Training Course
- Introduction to Medical Imaging Management
- DR/CR Training Course for Technologists
- Medical Dosimetrist Course
- Advanced Medical Dosimetry
- Bone Densitometry Training Course

