

Clinical MRI and Essentials of CT

Offers up to 16 hours of
Technologist Category A CE Credit

Essentials of MRI

- MRI Hardware
- Basic Principles of MRI
- Producing an MR Signal
- Relaxation & Image Contrast
- Pulse Sequences
- MR Data Acquisition
- MR Image Quality
- MR Safety
- Quality Control & Accreditation for MRI

CT Registry Review

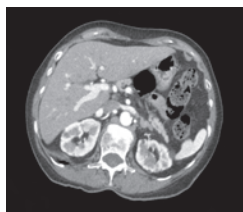
- CT Hardware
- CT Acquisition Techniques
- Basic principles of CT
- CT Image Quality
- Patient Care
- Imaging Procedures
- CT Image Reconstruction
- Musculoskeletal / Vascular
- Quality Control & Accreditation for CT

Register Early - Limited Seating Available

February 20 - 21, 2010



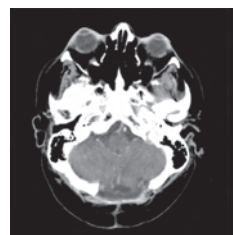
**DoubleTree Guest Suites Hotel
Anaheim, California**



DoubleTree
Guest Suites Hotel
Anaheim, California

Presented by:

Northwest Imaging Forums, Inc.



Clinical MRI and Essentials of CT

February 20 - 21, 2010

Educational Objectives and Course Description

The Saturday MR program topics will include:

1. To identify the major hardware components of an MR system
2. To understand the basic concepts of magnetism and how they are applied to tissues
3. To learn how an MR signal is induced by means of exposure to a static and oscillating magnetic field
4. To understand how tissue relaxation characteristics can be utilized to alter the MR images contrast
5. To understand the basic differences between spin echo and inversion recovery sequences and how these sequences are utilized in acquiring images with various contrast characteristics
6. To learn how gradient echo sequences differ from spin echo and to learn how they may be utilized in MR
7. To understand the general concepts relating to MR data acquisition and how acquisition time is determined
8. To understand how the various imaging parameters affect MR image quality with regards to spatial resolution, contrast resolution and SNR

The Sunday CT program topics will include:

1. To understand the differences between scanner geometry
2. To learn about the various methods of acquiring CT data
3. To learn how CT image data is reconstructed
4. To understand how CT parameters affect image quality
5. To learn the cause and appearance of common CT artifacts
6. To learn about patient care issues related to CT scanning
7. To learn how CT is currently utilized in clinical practice
8. To review sectional anatomy covering major areas of the head and body

You may register to attend one or both days. NOTE - seating is limited to the first 100 people to register for each day.

Accreditation & Verification of Attendance

The CT program has been approved for **8 hours of category A CE** technologist credit. To receive the maximum amount of credit hours, you must attend all the sessions. Verification of attendance policies will be in place for **each lecture**.

The MRI program has been approved for **8 hours of category A CE** technologist credit. To receive the maximum amount of credit hours, you must attend all the sessions. Verification of attendance policies will be in place for **each lecture**.

Conference Faculty

William Faulkner, BS, RT(R)(MR)(CT)
MRI Consultant
William Faulkner & Associates

David W. Jordan, Ph.D., DABR
Senior Medical Physicist
West Physics Consulting, LLC

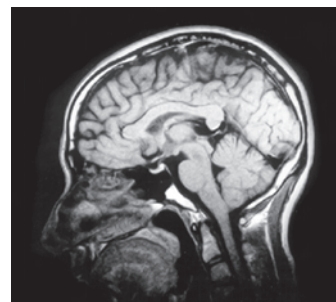
SPECIAL THANKS

We gratefully acknowledge the support given this meeting by:

**Bracco Diagnostics and
West Physics Consulting, LLC**

DoubleTree Suites Hotel / Google : DoubleTree Suites Anaheim

DoubleTree Guest Suites Hotel / Google : DoubleTree Suites Anaheim
 The meeting will take place in the **DoubleTree Guest Suites Hotel**, located just several blocks from the entrance to Disneyland - and very close **Knotts Berry Farm**. The hotel address is 2085 South Harbor Blvd., Anaheim, CA 92802. Within walking distance are a number of fast food and regular restaurants
Parking - Affordable self parking is available in the hotel parking lot.
Phone: 1-800-222-TREE



Airport - Hotel Ground Transportation

The DoubleTree Guest Suites Hotel does **NOT** offer airport shuttle service. **NOTE** - the closest airport is the **Orange County Airport**. Next closest is LAX Airport. Affordable commercial shuttle service is available from both airports by : **Super Shuttle** : **www.SuperShuttle.com** or (800) 258-3826. You may access this shuttle service in the Ground Transportation area. Taxi service is also available.

Presented By



**Northwest
Imaging Forums, Inc.**



**William Faulkner
& Associates**

Clinical MRI and Essentials of CT

February 20 - 21, 2010 DoubleTree Guest Suites Hotel Anaheim, California

MRI Program Format - Saturday 2/20 (8.0 hours)

- 7:30** MRI Registration Desk Opens
- 8:20** Opening Announcements - Matt Wilson
- 8:30** MRI Hardware - William Faulkner, BS, RT (R)(MR)(CT)
- 9:20** Basic Principles of Magnetism and MRI - William Faulkner, BS, RT (R)(MR)(CT)
- 10:10** Break AM
- 10:20** Producing an MR Signal - William Faulkner, BS, RT (R)(MR)(CT)
- 11:10** Relaxation and Image Contrast - William Faulkner, BS, RT (R)(MR)(CT)
- 12:00** Lunch - On your own
- 1:00** Quality Control and Accreditation for MRI - David W. Jordan, Ph.D., DABR
- 1:30** Spin Echo and Inversion Recovery - William Faulkner, BS, RT (R)(MR)(CT)
- 2:00** Gradient Echo - William Faulkner, BS, RT (R)(MR)(CT)
- 2:50** Break PM
- 3:00** MR Data Acquisition - William Faulkner, BS, RT (R)(MR)(CT)
- 3:50** MR Image Quality - William Faulkner, BS, RT (R)(MR)(CT)
- 4:40** End of MR Session

CT Program Format - Sunday 2/21 (8.0 hours)

- 7:30** CT Registration Desk Opens
- 8:20** Opening Announcements - Matt Wilson
- 8:30** CT Hardware - William Faulkner, BS, RT (R)(MR)(CT)
- 9:20** CT acquisition techniques - William Faulkner, BS, RT (R)(MR)(CT)
- 10:10** Break AM
- 10:20** Basic principles of CT Part 1 - William Faulkner, BS, RT (R)(MR)(CT)
- 11:10** Basic principles of CT Part 2 - William Faulkner, BS, RT (R)(MR)(CT)
- 12:00** Lunch - On your own
- 1:00** CT Image Quality - William Faulkner, BS, RT (R)(MR)(CT)
- 1:50** Patient Care - William Faulkner, BS, RT (R)(MR)(CT)
- 2:40** Break PM
- 2:50** Quality Control and Accreditation for CT - David W. Jordan, Ph.D., DABR
- 3:20** Imaging Procedures - William Faulkner, BS, RT (R)(MR)(CT)
- 4:35** End of CT Session / End of Conference

(faculty, topics & format subject to change)

Registration Fees Seating is limited to the first 100 people to register

Attend One Day (MR or CT)	
Early Fee (payment received through 01/29/10)	\$189
Standard Fee (payment received after 01/29/10 through 02/08/10)	\$209
Late Fee (payment received on or after 02/09/10) Based on available seating	\$229
Attend Both Days	
Early Fee (payment received through 01/29/10)	\$285
Standard Fee (payment received after 01/29/10 through 02/08/10)	\$305
Late Fee (payment received on or after 02/09/10) Based on available seating	\$325

Cancellation & Refund Policy

All cancellation requests must be in writing.
 1) Cancellations received on or before 01/29/10 will receive a full registration refund. Those received on or after 01/29/10 through 02/08/10 will be refunded the registration fee less a 25% service charge.
 2) No refunds or credit is available on or after 02/09/10. No exceptions.
 3) In the event a national emergency, such as a nationwide airline shutdown makes it impossible to conduct the meeting, each paid registrant will receive a credit voucher to attend a future meeting.

Registration Form (Please Print)

Registration is also available on line at: www.nwforums.com
 Register early - seating is limited to the first 100 people who register
 Note — Confirmation will be emailed only after registration payment has been processed.

Name (print) _____

NOTE: Email address is required for confirmation purposes

Email Address _____

Facility _____

The address below is work home (circle one)

Street _____

City _____ State _____ Zip code _____

Day Phone(_____) _____ work home (circle one)

I plan to attend Saturday (MR) Sunday (CT) Both Days (circle one)

Payment enclosed or amount charged to credit card \$ _____

Charge to: VISA MasterCard American Express Discover

Card # _____ Exp. Date _____

3 Digit Credit Card Security Code (found on back of card) _____

Cardholder's Name (print) _____

Cardholder's Signature (required) _____

ANH 10

Checks payable / send registration form to:



Northwest Imaging Forums, Inc.
 P.O. Box 25909
 Eugene, Oregon 97402

For more information or to register by Fax or phone call:

Phone: (888) 683-4930	Toll Free	9am - 5pm	M-F Pacific Time
(541) 683-4930	Direct	9am - 5pm	M-F Pacific Time
Fax: (541) 683-8499		Anytime	
E-mail: registration@nwforums.com		Web Site: www.nwforums.com	