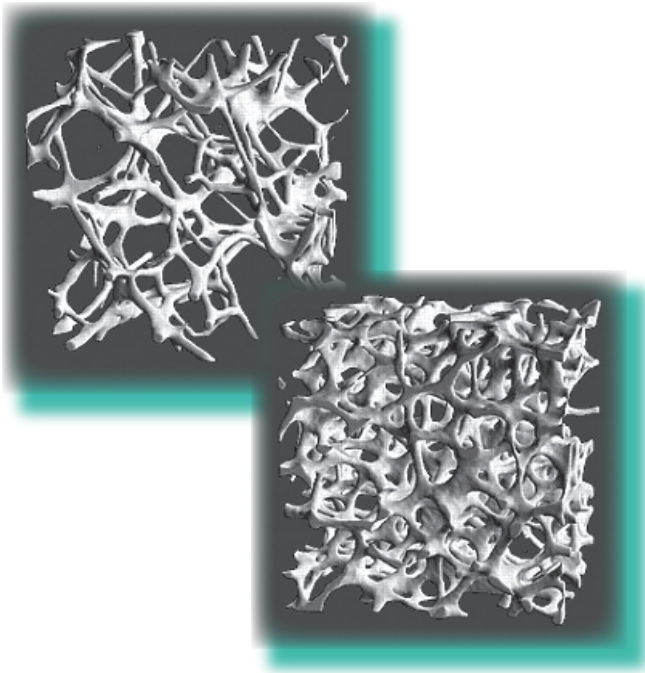


One-Day Seminar



A Review of Bone Densitometry

Instructor:
Michael DiMuzio, PhD

This program provides
6.5 Category 1 credits
and
8 Category A credits



San Francisco, CA on January 21, 2012
Raleigh, NC on March 31, 2012
Portland, OR on May 19, 2012

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About the Seminar

Osteoporosis is a major health problem that affects more than 50 million people (of which 80% are women) in the U.S. The “Gold Standard” of diagnosis for osteoporosis and bone health status continues to be Dual-Energy X-ray Absorptiometry (DXA) which is the most accurate and precise method to determine bone strength (bone mineral density) in a clinical setting. This seminar will provide attendees with up-to-date information on the use of DXA and how to maximize its’ clinical utility for baseline and serial determinations in all types of patients. Attendees will obtain a solid foundation in all details of the use and analysis of bone densitometry as well as understanding osteoporosis. This seminar will provide a focused guide for those preparing for the ISCD Bone Densitometry Certification or ARRT examinations. This seminar will highlight topics within the certification exams and mock registry exams will be given/reviewed during the day. In addition, all aspects of bone health management will be discussed throughout the seminar. Participants are encouraged to bring their DXA questions, problematic DXA scans and other related issues for open discussion.

Who Should Attend

- All healthcare professionals involved with bone health such as physicians in family practice, internal medicine, OB/GYN, rheumatology and orthopedics.
- Technologists preparing for the ARRT or ISCD Certification Exams
- Technologists who are certified in DXA and in need of an update of DXA use.
- Individuals interested in an introduction to bone densitometry.

Objectives

At the completion of this seminar participants will:

- Be prepared to perform successfully on the ISCD Bone Densitometry and/or ARRT Certification Exams.
- Learn to identify and analyze normal anatomical and pathological abnormalities seen in bone densitometry images.
- Understand methods to maintain and determine the precision and accuracy of DXA instruments.
- Appreciate the ability to perform serial bone density measurements and determine rate of change analyses.
- Understand the proper positioning for all regions of interest in a DXA exam.
- Be able to determine rates of change in BMD between DXA’s of different manufacturers.
- Be able to compose and interpret in a critical fashion, the patient intake form for all individuals referred for a DXA exam.

About the Instructor



Michael T. DiMuzio, Ph.D. is the founder and president of Bone Health Management (BHM), Inc. as well as the Manager of The Osteoporosis Center within the Illinois Bone and Joint Institute (IBJI) in Bannockburn, Illinois. BHM began operation in the year 2000 as an independent diagnostic and research operation. From 1996 to 2000, Dr. DiMuzio began and directed The Osteoporosis Prevention and Research Center of Highland Park Hospital near Chicago, honored as the first “Center of Excellence” in bone health education and diagnostics in the U.S.

He received his Ph.D. in Biochemistry from Northwestern University and has been an active scientist in bone metabolic disorders and related topics for more than thirty years. He was an NIH and Fogarty Research Fellow at the University of Bern in Switzerland, and has held faculty appointments at the University of Alabama at Birmingham, Rush Medical College, and, most recently, Northwestern University.

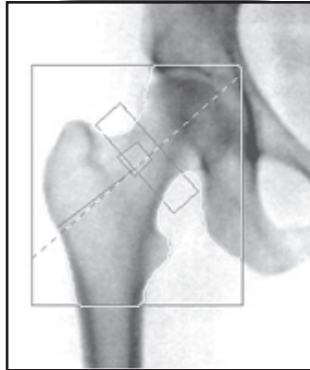
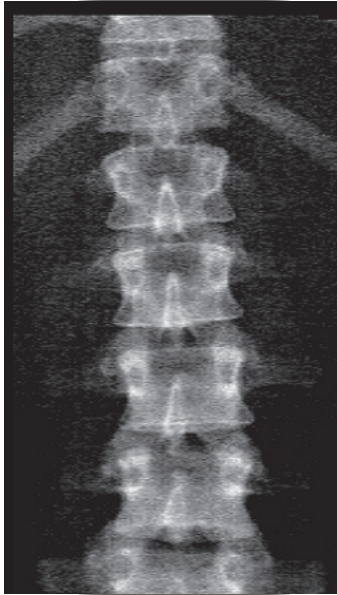
In addition to his roles as Manager at IBJI and president with BHM, Dr. DiMuzio is an instructor for the Medical Technology Management Institute for whom he has lectured around the U.S. and Canada on osteoporosis and bone densitometry since 2002. He is an active member of the Scientific Advisory Board of the National Osteoporosis Foundation in Chicago and has published more than 75 scientific articles in peer-reviewed journals and edited texts. He has lectured around the world on topics related to osteoporosis, bone densitometry, and advances in the diagnostics of bone metabolic diseases, such as ultrasound and bone biochemical markers.

Continuing Education Credit



The Medical Technology Management Institute (MTMI) is accredited by the Accreditation Council for Continuing Medical Education for physicians.

MTMI designates this educational activity for a maximum of **6.5 AMA PRA Category 1 Credits™**. Each physician should claim only the credit commensurate with the extent of their participation in the activity. It also provides **8 hours of Category A continuing education credit** recognized by the ARRT for radiologic technologists.








Seminar Schedule

8:00 am	<i>Registration and Coffee</i>
8:30 am	Osteoporosis: Basic Science and Societal Impact Basic Science of DXA Bone Densitometry <ul style="list-style-type: none">• The Gold Standard and other methods of measuring bone density• Operating principles• Advantages and disadvantages• Determination and value of BMD
10:10 am	<i>Informal Discussion and Break</i>
10:20 am	Quality Control <ul style="list-style-type: none">• Precision and accuracy• DXA vs. the technologist Important Anatomical Sites for DXA Analysis The Role of the Technologist <ul style="list-style-type: none">• Positioning• Analysis
12:00 pm	<i>Lunch (on your own)</i>
1:00 pm	Clinical Utility of DXA <ul style="list-style-type: none">• Spine, proximal femur, forearm, whole body and VFA• Adults vs. children• Troubleshooting the out-of-the-ordinary and complex situations Scan Analysis <ul style="list-style-type: none">• Baseline• Serial follow-up DXA Interpretation <ul style="list-style-type: none">• Principles and clinical utility• Important differences between various manufacturers and interpretation
2:40 pm	<i>Informal Discussion and Break</i>
2:50 pm	Complimentary Methods to DXA <ul style="list-style-type: none">• VFA• Bone biomarkers Clinical Management of Osteoporosis <ul style="list-style-type: none">• Prevention• Treatment options Mock Exam and Discussion
4:30 pm	<i>Adjourn</i>

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:

- 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.

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.

Membership

Membership in the Medical Technology Management Institute includes:

- discounts on **MTMI** services
- web access to **MTMI** records
- special benefits throughout the year exclusive to members
- Check the membership box on the registration form or call **MTMI** at 800-765-6864.
- Seminar discount effective immediately.
- Annual membership dues for technologists are \$39 and for physicians \$79.

Location and 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



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

Become a MTMI Member and save!

Registration Form _____ *A Review of Bone Densitometry* _____ 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 _____ MasterCard Visa Check

Expiration Date _____ Signature _____

Please enclose payment by credit card or check made payable to MTMI:

- \$39 (RT) Yes! Enroll me in an Annual **MTMI** membership (discount effective immediately)
- \$79 (MD) Yes! Enroll me in an Annual **MTMI** membership (discount effective immediately)

Regular price: \$195 (**MTMI** members \$175) - within 14 days of seminar

Advance price: \$185 (**MTMI** members \$166) - 14+ days before seminar

At-the-door price: \$205 (**MTMI** members \$185)

Group discount: 3-5 attendees (5%) 6 or more attendees (10%)

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

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Total:

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