

ISCD & IOF OSTEOPOROSIS ESSENTIALS COURSE

An International Course of the ISCD and IOF for
Physicians and Technologists

Co-Developed with CANM, CAMRT, CAR, OAMRS & OC

PHYSICIANS • Saturday, December 3, 2022 • Virtual Meeting

TECHNOLOGISTS • Saturday, December 3, 2022 & Sunday, December 4, 2022

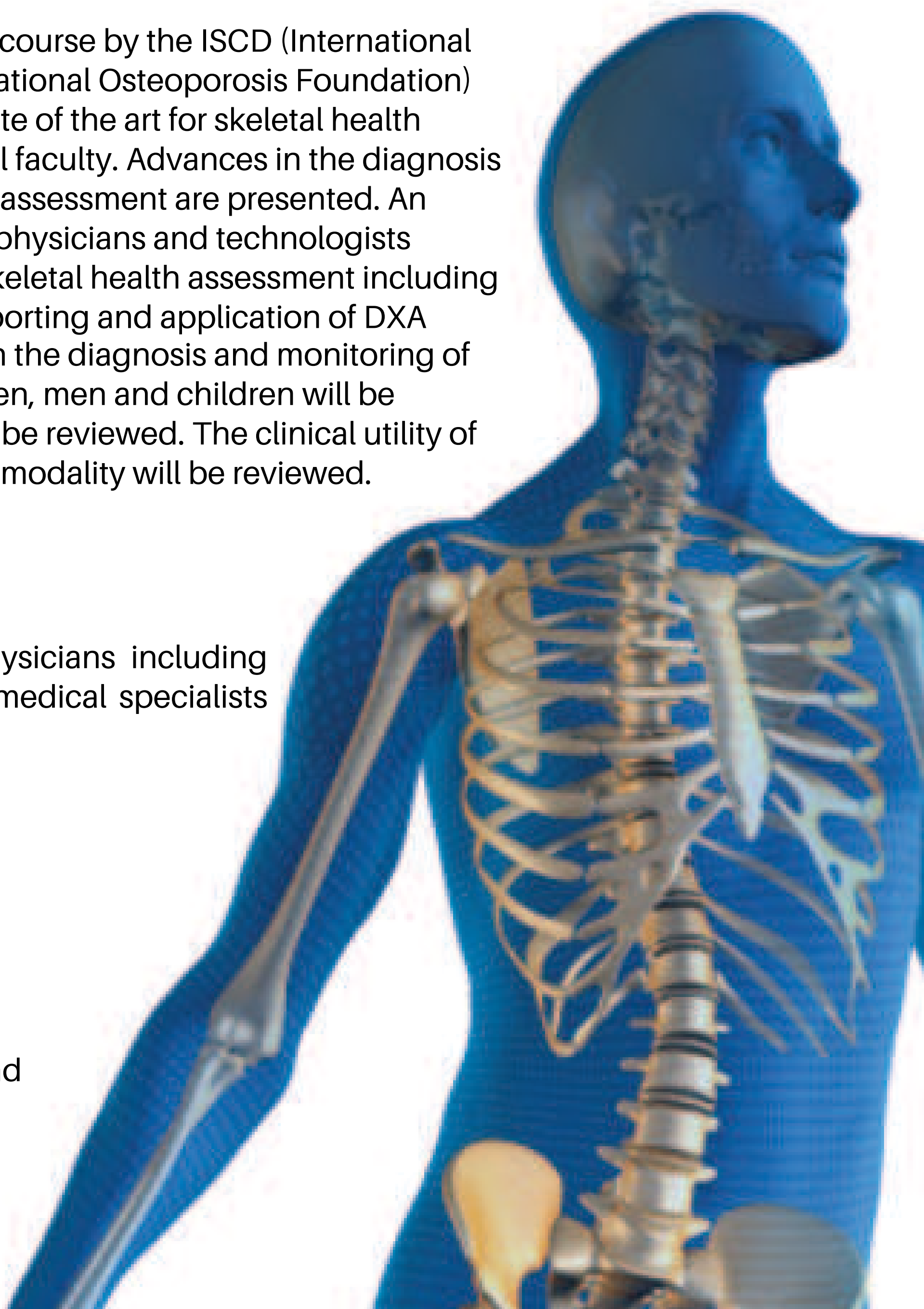
The Osteoporosis Essentials Bone Densitometry course by the ISCD (International Society of Clinical Densitometry) and IOF (International Osteoporosis Foundation) and Update on Skeletal Imaging presents the state of the art for skeletal health assessment by leading national and international faculty. Advances in the diagnosis and monitoring of osteoporosis and fracture risk assessment are presented. An advanced curriculum will be presented for both physicians and technologists providing the tools for achieving excellence in skeletal health assessment including optimal BMD scan acquisition, interpretation, reporting and application of DXA technology. The limitations of DXA technology in the diagnosis and monitoring of skeletal health in pre and postmenopausal women, men and children will be presented. Common pitfalls in interpretation will be reviewed. The clinical utility of bone densitometry and quality assurance of this modality will be reviewed.

Target Audience:

Dual track content has been designed for physicians including radiologists, nuclear medicine physicians and medical specialists as well as technologists.

Learning Objectives:

1. Recognize and report fragility fractures and know the impact on fracture risk assessment
2. Evaluate fracture risk utilizing advances in skeletal imaging
3. Integrate trabecular bone score with BMD and FRAX in evaluating fracture risk
4. Recognize early radiographic features of atypical femoral fractures



REGISTRATION INFORMATION

PHYSICIANS • Saturday, December 3, 2022 • Virtual Meeting

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REGISTRATION:

Technologists - Day 1 and 2

Non-Member	\$359 CAD (279 USD)
OAMRS & CAMRT Members	\$299 CAD (232 USD)

Physicians - Day 1

Physician Stream	\$400 CAD (\$310 USD)
CRBDS Special	\$360 CAD (\$280 USD)

» **REGISTER HERE**

CO-DEVELOPED WITH:



Canadian Association of Radiologists



OSTEOPOROSIS



CREDITS

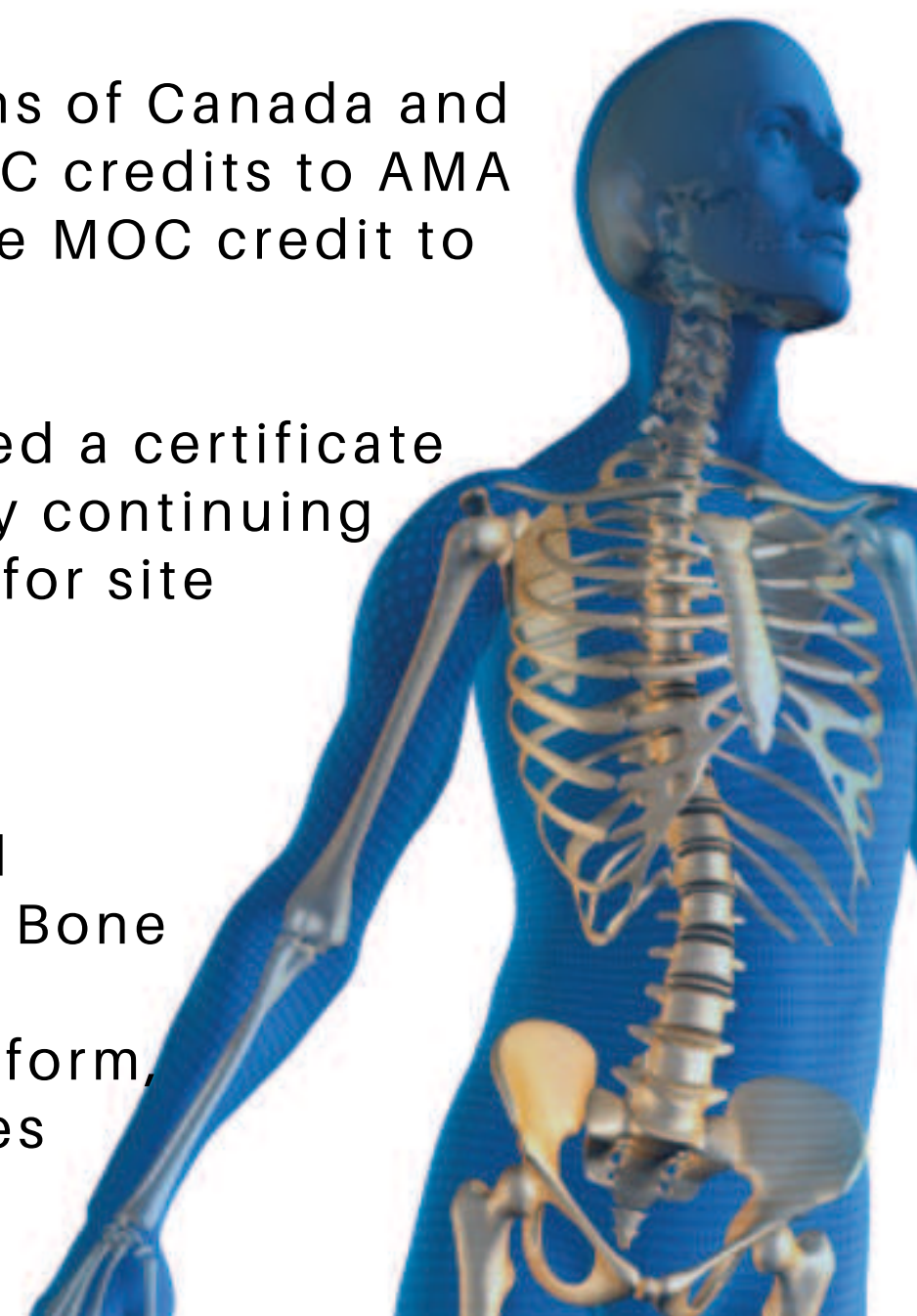
This activity will be an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada and approved by McMaster University, Continuing Health Sciences Education Program.

Through an agreement between the Royal College of Physicians and Surgeons of Canada and the American Medical Association, physicians may convert Royal College MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert Royal College MOC credit to AMA credit can be found at www.ama-assn.org/go/internationalcme.

Participants who attend and complete the technologist course will be awarded a certificate for a total of 13.75 Category A credits. Education hours can be used to satisfy continuing professional development requirements for maintenance of certification and for site accreditation.

CERTIFICATION

Independent of the course, voluntary certification will continue to be offered including Certified Clinical Densitometrist (CCD) for physicians and Certified Bone Densitometry Technologist (CBDT) for technologists. Individuals who desire certification should visit www.iscd.org to obtain the appropriate application form, review testing procedures and qualifications as well as information about fees and testing locations. In Canada, certification is not a requirement for technologists and physicians to practice BMD.



LEARN MORE ABOUT OUR PHYSICIAN CRBDS SPECIAL >>

Physicians registered for the annual Canadian Rare Bone Disease Symposia (CRBDS) will receive a \$40 discount applied to their ISCD-IOF registration. The CRBDS will be hosted virtually on Friday, December 2nd, 2022. Click here for the CRBDS 2022 Program.

ISCD & IOF OSTEOPOROSIS ESSENTIALS COURSE -PROGRAM

DAY 1 - SATURDAY DECEMBER 3, 2022

TECHNOLOGISTs & PHYSICIANS COMBINED LECTURES

Chair - Hema Choudur

- 10:00 - 10:10 INTRODUCTION AND WELCOME
Aliya Khan
- 10:10 - 11:00 OVERVIEW OF OSTEOPOROSIS
Aliya Khan
- 11:00-11:05 5 MIN BREAK
- 11:05 - 12:05 BONE MEASUREMENT DEVICE OPERATING PRINCIPLES, RADIATION SAFETY
William Leslie
- 12:05 - 12:10 5 MIN BREAK
- 12:10 - 13:15 PRINCIPLES OF DXA INTERPRETATION
William Leslie & Anita Colquhoun

**CANADIAN SYMPOSIA ON
RARE BONE DISEASES
2022**

**Friday, December 2nd 2022
Virtual CPD Webinar**

LEARN MORE >>



TECHNOLOGISTS ONLY Stream

Anita Colquhoun, Diana Yau and Queenie Wong

- 13:20 - 14:10 DXA PRACTICE MANAGEMENT
- 14:10 - 14:30 20 MIN BREAK
- 14:30 - 15:10 DXA PRACTICE MANAGEMENT CONT.
- 15:10 - 15:15 5 MIN BREAK
- 15:15 - 16:45 FEMUR & FOREARM SCANS
- 16:45 - 16:50 5 MIN BREAK
- 16:50 - 17:50 LUMBAR SPINE SCANS-ELEMENTS CRITICAL TO QUALITY
- 17:50 - 17:55 5 MIN BREAK
- 17:55 - 18:40 SUPPLEMENTAL DXA APPLICATIONS
- 18:40 DAY 1 CLOSE

PHYSICIAN ONLY Stream

Chair - Linda Probyn

- 13:15 - 14:15 DIAGNOSIS OF OSTEOPOROSIS
Aliya Khan
- 14:20 - 14:40 20 MIN BREAK
- 14:40 - 15:40 FRACTURE RISK
Angela Cheung
- 15:40 - 15:45 5 MIN BREAK
- 15:45 - 16:35 MONITORING TREATMENT OF OSTEOPOROSIS
Angela Cheung
- 16:35 - 16:40 5 MIN BREAK
- 16:40 - 17:40 PRINCIPLES OF DXA REPORTING
William Leslie
- 17:40 - 17:45 5 MIN BREAK
- 17:45 - 18:45 CASE REVIEW
Christopher O'Brien
- 18:45 - 19:00 CLOSING REMARKS
Aliya Khan

ISCD & IOF OSTEOPOROSIS ESSENTIALS COURSE - PROGRAM

DAY 2 - SUNDAY DECEMBER 4, 2022

TECHNOLOGISTS ONLY Stream - Anita Colquhoun, Diana Yau and Queenie Wong

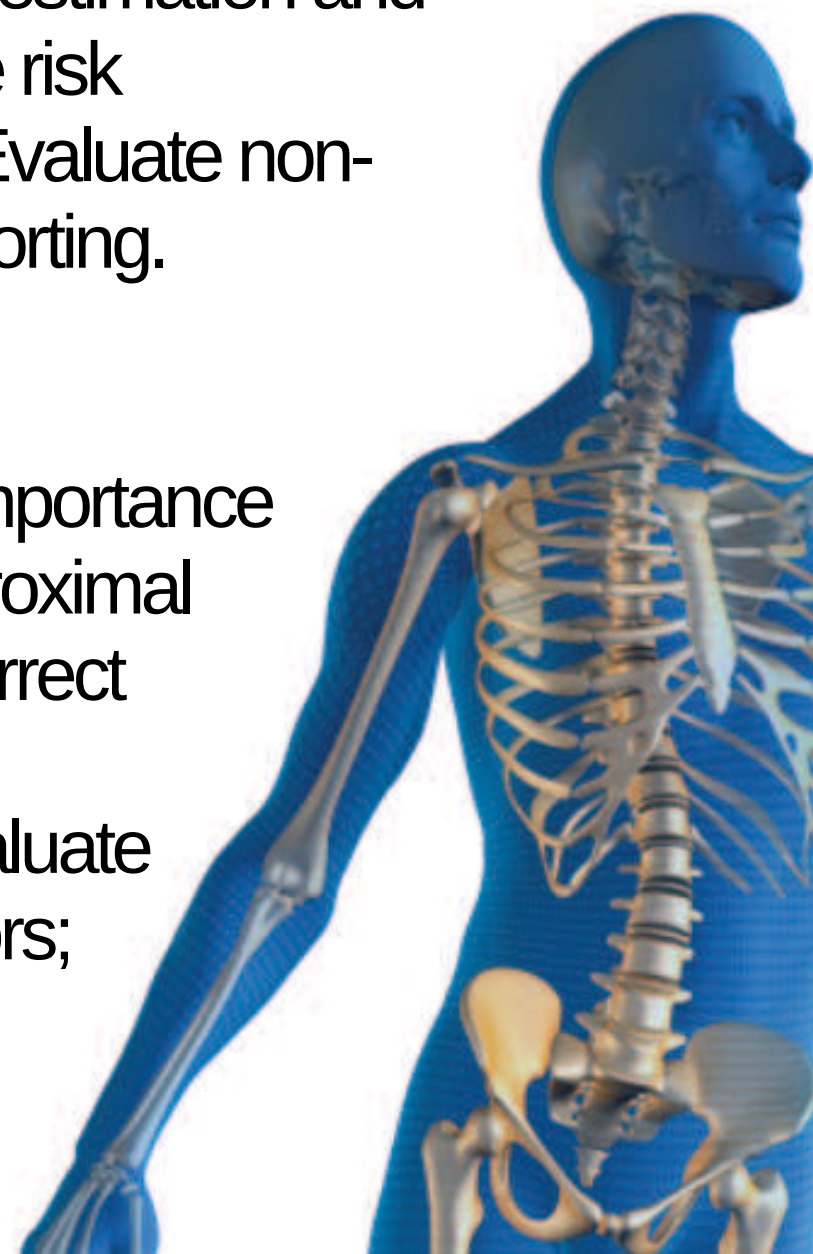
10:00 - 10:30	APPLICATION OF DXA TOOLS & SOFTWARE FEATURES
10:30 - 10:35	5 MIN BREAK
10:35 - 11:20	SCAN INTERPRETATION & FRACTURE RISK ASSESSMENT
11:20 - 11:25	5 MIN BREAK
11:25 - 12:40	CLINICAL MANAGEMENT OF THE OSTEOPOROTIC PATIENT
12:40 - 12:45	5 MIN BREAK
12:45 - 13:15	CLINICAL APPLICATION
13:15 - 13:20	5 MIN BREAK
13:20 - 14:20	TECHNICAL CASES
14:20	CLOSING REMARKS

This course will enable the physician to:

Explain the value of bone densitometry for diagnosis of osteoporosis, fracture risk estimation and monitoring; Describe principles for interpreting central DXA scans; Explain fracture risk assessment combining BMD with clinical risk factors (WHO fracture risk model); Evaluate non-central DXA technologies for predicting fracture risk; Recognize errors in DXA reporting.

This course will enable the technologist to:

Design and implement quality control and assurance practices; Understand the importance of precision assessments and how to conduct in a facility; Identify lumbar spine, proximal femur and forearm anatomy and recognize abnormal or unusual anatomy and correct patient positioning for scan acquisition and analysis; Recognize vertebral fracture significance in osteoporosis and techniques for acquiring VFA scans; Critically evaluate DXA scans and identify acquisition and analysis errors as methods to resolve errors; Recognize how technical errors impact clinical interpretation and patient care.



Privacy Policy:

The information gathered during registration is collected and protected pursuant to section 39(2) and section 42 of the "Freedom of Information and Protection of Privacy Act" of Ontario (RSO 1990). Questions regarding the collection or use of this personal information should be directed to the Calcium Disorders Clinic by email at emmett@boneresearch.ca.

Cancellation Policy:

A refund will be issued to those who cancel prior to the session with a 15% administration charge applied to a minimum of \$25.00. No refunds will be issued for those who inform of the need to cancel on or after the delivery date.

Media Recording Policy:

Upon registration for this program, you consent to being included in any audio, video or photographic recording and allow reproduction of this content for promotional purposes. If otherwise, please contact emmett@boneresearch.ca.

FACULTY - PHYSICIAN STREAM

ANGELA CHEUNG, MD, PhD, FRCPC

Professor of Medicine, University of Toronto
Staff, General Internal Medicine and Endocrinology
University Health Network and Sinai Health System
Toronto, ON

HEMA CHOUDUR MD, MBBS, FRCPC

Professor of Radiology,
McMaster University
Hamilton, ON

TIM CUDDY, MD, CFPC

Assistant Clinical Professor, Family Medicine
McMaster University
Hamilton, Ontario

ALIYA KHAN, MD, FRCPC, FACP, FACE, FASBMR

Professor of Clinical Medicine
Director, Calcium Disorders Clinic
Director, Fellowship in Metabolic Bone Disease
McMaster University
Hamilton, Ontario

WILLIAM LESLIE, MD, MSc, FRCPC, CCD

Professor of Medicine and Radiology,
Max Rady College of Medicine, University of Manitoba
St-Boniface General Hospital
Winnipeg, Manitoba

CHRISTOPHER O'BRIEN, BSc, MDCM, FRCPC

Medical Director, Nuclear Medicine
Brantford General Hospital
Brantford, Ontario

LINDA PROBYN, ABR, BSc, BScPT, MD, FRCPC,

Associate Professor and Vice Chair Education,
University of Toronto, Department of Medical Imaging
Toronto, Ontario

FACULTY - TECHNOLOGIST STREAM

ANITA COLQUHOUN, RTNM, MRT(N) CDT

Charge Technologist, Centre for Osteoporosis &
Bone Health, Women's College Hospital
Toronto, Canada

QUEENIE WONG, MRT(N), CDT

Bone Density Technologist, Center of Excellence
in Skeletal Health Assessment, Toronto General Hospital
Toronto, Canada

DIANA YAU, MRT(N), CDT

Bone Density Technologist, Center of Excellence
in Skeletal Health Assessment, Toronto General Hospital
Toronto, Canada

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