

**1ST ISCD BONE DENSITOMETRY TECHNOLOGIST COURSE AND CERTIFICATION EXAMINATION**

**3RD ISCD BONE DENSITOMETRY CLINICIAN COURSE AND CERTIFICATION EXAMINATION**

14 - 15 August 2004

Stamford Sydney Airport

Full Technologist and Clinician Faculty including Larry Jankowski CDT, a leading US expert in clinical densitometry technology and previously a Board Member of ISCD and Satvinder Dhaliwal, an expert in the mathematical evaluation of densitometry practice. Once the expertise for technologist training is available in Australia it is anticipated that further courses will be run by Australian trained Faculty. ISCD is seeking support from the Radiological Council of WA for recognition of the radiological safety aspects of the course. It is expected that approval from other State bodies will be forthcoming.

**PROGRAM**

**Saturday, 14 August 2004**

0730 – 0815	Registration and Arrival Tea/Coffee/Muffins
0815 – 0830	<b>ISCD Introduction and Objectives</b>
0830 – 0920	<b>Overview of Osteoporosis</b> <i>Definitions, pathophysiology, and epidemiology</i>
0920 - 1010	<b>Basic Science of Densitometry &amp; Device Operating Principles</b> <i>Introduction to diagnosis, fracture risk, monitoring, and clinical indications</i>
1010 – 1100	<b>X-Ray Science, Radiation Safety &amp; QA</b> <i>Available Techniques and Technical Principles of Central Skeletal DXA and Peripheral Densitometry</i>
1100 – 1130	<i>Morning Tea - round table discussion and questions Full faculty</i>

**CLINICAL STREAM**

**TECHNOLOGIST STREAM**

1130 – 1230	<b>Clinical Utility of Bone Densitometry</b>	1130 - 1230	<b>Densitometer QC</b>
1230 – 1330	<b>Bone Densitometry for Diagnosis of Osteoporosis</b> <i>Strengths and Limitations of WHO criteria, diagnosis in different patient groups, central vs peripheral sites</i>	1230 - 1330	<b>Role of the Technologist</b>
1330 - 1430	<i>Lunch</i>	1330 – 1430	<i>Lunch</i>
1430 – 1530	<b>Assessment of Fracture Risk</b> <i>Expressing risk, integration of clinical risk factors, assessment of risk by central and peripheral methods</i>	1430 - 1530	<b>Densitometric Anatomy</b>
1530 - 1600	<b>Faculty Panel Discussion</b>	1530 – 1630	<b>Understanding the Results</b>
1600 – 1630	<i>Afternoon Tea</i>	1630 – 1645	<i>Afternoon Tea</i>
1630 - 1730	<b>Optional lecture DXA assessment of vertebral fracture (VFA)</b>	1645 – 1745	<b>Clinical Management of the Osteoporotic Patient</b>

## PROGRAM

Sunday, 15 August 2004

### CLINICAL STREAM

0700 - 0800	Registration and Arrival Tea/Coffee/Muffins
0800 - 0850	<b>Monitoring with Bone Densitometry</b> <i>Precision and serial monitoring, determining significance of change and appropriate follow-up interval.</i>
0850 - 0940	<b>Clinical Management of Osteoporosis</b> <i>Laboratory evaluation and overview of pharmacologic management</i>
0940 – 1000	<i>Morning Tea</i>
1000 – 1100	<b>Principles of DXA Scan Interpretation</b> <i>Patient positioning, proper scan analysis, artifacts, recommendations for interpretation and reporting</i>
1100 – 1200	<b>Principles components of the DXA Scan Report</b>
1200 – 1230	<b>Faculty Panel Discussion</b>
1230 – 1330	<i>Lunch</i>
1330 - 1345	<b>Instructions for the Examination</b>
1345 - 1545	<b>Clinical Track Certification Examination</b>

### TECHNOLOGIST STREAM

0700 - 0800	Registration and Arrival Tea/Coffee/Muffins
0800 – 0915	<b>First Day Exam Review</b> <i>Physical Principles, Bone Density Instruments, Clinical Basics Discussion, Q &amp; A</i>
0915 – 0945	<b>Patient Care &amp; Preparation Before Scanning</b>
0945 – 1000	<i>Morning Tea</i>
1000 – 1100	<b>Patient Positioning &amp; Acquisition of Scans</b>
1100 – 1145	<b>Scan Analysis</b>
1145 – 1215	<b>Care and Maintenance of the DXA Computer</b>
1215 - 1300	<i>Lunch</i>
1300 - 1430	<b>Application Session</b> <i>Equipment-specific considerations related to difficult positioning (acquisition) and analysis</i>
1430 – 1445	<b>Instructions for the Exam</b>
1445 – 1545	<b>Technologist Track Certification Examination</b>





# ISCD Bone Densitometry Course and Certification Exam Registration Form



Stamford Sydney Airport

14 – 15 August 2004

## DELEGATE INFORMATION

Name: \_\_\_\_\_  
 Qualification: \_\_\_\_\_  
 Facility/Institution: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Post Code: \_\_\_\_\_ Country: \_\_\_\_\_  
 Business Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 E-mail: \_\_\_\_\_

ISCD Member:  Yes  No  Joining Now  
 First Time Attendee:  Yes  No  
 Your machine (circle one): Hologic GE-Lunar Norland Peripheral Unit  
 Specialty (circle one): Endocrinology Rheumatology Internal Medicine Nuclear Medicine  
 Ob/Gyn/Women's Health Radiology Family Practice  
 Geriatrics Nephrology Orthopedics Other \_\_\_\_\_

## REGISTRATION FEE

Bone Densitometry Course	\$418
Certification Exam	\$ 77
Total	\$495 (including gst)

## STREAM

Clinical  Technologist

## ACCOMMODATION

Date of arrival: \_\_\_\_ / 8 / 2004 Date of departure: \_\_\_\_ / 8 / 2004  
 Room type: Please tick (✓)  
 Single  Smoking room   
 Double  Non-smoking room   
 Twin  Sharing With \_\_\_\_\_

	Rate per night	Payment
Stamford Sydney Airport - single occupancy	\$175.00	\$ _____
- double/twin occupancy	\$200.00	\$ _____

## PAYMENT

**Cheque:** Amount enclosed: \$ \_\_\_\_\_  
**Credit Card:**  MasterCard  VISA  Bankcard Amount: \$ \_\_\_\_\_  
 Card Number:             
 Expiry Date: \_\_\_\_ / \_\_\_\_ Card Holder Name: \_\_\_\_\_  
 Signature: \_\_\_\_\_

### Send the Registration Form and payment to:

Conference Action Pty Ltd, PO Box 576  
 Crows Nest NSW 1585 Australia  
 Ph +61 2 9437 9333 Fax +61 2 9901 4586 Email: emma@conferenceaction.com.au