



MINNESOTA SOCIETY OF DIAGNOSTIC ULTRASOUND

PROUDLY PRESENTS THE **32nd ANNUAL SPRING SEMINAR**

Offering Continuing Medical Education Credits In
General, Cardiac and Vascular Ultrasound

Friday, Saturday & Sunday
March 23rd - 25th, 2012

The Northland Inn
7025 Northland Drive
Brooklyn Park, MN 55428
763-536-8300

GENERAL ULTRASOUND PROGRAM

Northland Ballroom East

Friday, March 23rd, 2012

6:30-7:30PM Pre-registration – **Northland Ballroom Foyer**
7:00-9:00PM Hands-On Scan Sessions – **Northland Ballroom**

Saturday, March 24th, 2012

7:00-7:50 Registration and Continental Breakfast
7:50- 8:00 President's Welcome Address – **Jane J.K. Burns AS, RT, RDMS**
8:00-9:00 Professionalism: The Key to Success
Cynthia Rapp BS, RDMS, FAIUM, FSDMS
9:00-10:00 U/S Evaluation of Right Upper Quadrant Pain
Dr. Leslie Scott
10:00-10:30 Break - Vendor Exhibits – **Northland Ballroom**
10:30-11:30 Abnormalities of the Great Vessels
Mani Montazemi, RDMS
11:30-12:30 Sonography of Solid Breast Nodules
Cynthia Rapp BS, RDMS, FAIUM, FSDMS
12:30-1:30 LUNCH – **America's Harvest Restaurant**
1:30-2:30 Optimization of Breast Sonography
Cynthia Rapp BS, RDMS, FAIUM, FSDMS
2:30-2:50 Break - Vendor Exhibits – **Northland Ballroom**
2:50-3:50 Interesting OB Case Studies
Jill Beithon RT, RDMS, RDCS, RVT
3:50-4:50 Challenging and Unusual Abdominal Cases – **Dr. Leslie Scott**
5:00-6:30 Wine and Cheese Reception – **Northland Ballroom**
6:30-10:30 Band "Highbrow and the Shades"

Sunday, March 25th, 2012

7:00-7:50 Continental Breakfast
7:50-8:00 Opening Remarks: **Jeff Gunderson, RDMS**
8:00-8:55 Carotid Ultrasound: From Basic to Advanced – **Dr. Leslie Scott**
8:55-9:50 First Trimester Normal & Abnormal Obstetrical Ultrasound
Mani Montazemi, RDMS
9:50-10:10 Break
10:10-11:05 High Level Probe Disinfection: A Detailed Review
Chris Walski BS, RT, RDMS, RVT
11:05-12:00 Why and How to use Color and Spectral Doppler in the Fetal Heart
Jill Beithon RT, RDMS, RDCS, RVT

PRESIDENTS CLOSING REMARKS: MEETING ADJOURNS

Speakers, Lecture Topics and Room Locations are subject to change

CARDIAC ULTRASOUND PROGRAM

Longfellow Room

Friday, March 23rd, 2012

6:30-7:30PM Pre-registration - **Northland Ballroom Foyer**
7:00-9:00PM Hands-On Scan Sessions – **Northland Ballroom**

Saturday, March 24th, 2012

7:00-7:50 Registration and Continental Breakfast
Northland Ballroom Foyer
7:50- 8:00 Welcome Address – **Sandy Mozey, RDCS**
8:00-9:00 Mitral Regurgitation: Beyond Quantification
Chad Olinger DO, RPVI
9:00-10:00 Utilization of ICE for Intracardiac Procedures – **Ryan Nolte, RDCS**
10:00-10:30 Break - Vendor Exhibits – **Northland Ballroom**
10:30-11:30 STAT ECHO.....Seriously? – **Dr. Retu Saxena**
11:30-12:30 LUNCH – **America's Harvest Restaurant**
12:30-1:30 ECG Interpretation – **Dr. Christopher Carter**
1:30-2:30 Adult Congenital Heart Disease – **Dr. Kirsten Dummer**
2:30-2:50 Break - Vendor Exhibits – **Northland Ballroom**
2:50-3:50 Update on Left Ventricular Assist Devices – **Dr. Peter Eckman**
3:50-4:50 Professionalism: The Key to Success
Cynthia Rapp BS, RDMS, FAIUM, FSDMS
5:00-7:00 Wine and Cheese Reception – **Northland Ballroom**
6:30-10:30 Band – "**Highbrow and the Shades**"

Sunday, March 25th, 2012

7:00-7:50 Continental Breakfast
7:50-8:00 Opening Remarks – **Sandy Mozey, RDCS**
8:00-8:55 Interesting Cardiac Cases – **Chad Olinger DO, RPVI**
8:55-9:50 Hypertrophic Cardiomyopathy – **Dr. Desmond Jay**
9:50-10:10 Break
10:10-11:05 Use of Cardiac MRI and CT in Daily Practice – **Dr. David Lin**
11:05-12:00 TEE – It's Not Just Swallowing The Probe – **Dr. Retu Saxena**

MEETING ADJOURNS

Speakers, Lecture Topics and Room Locations are subject to change

VASCULAR ULTRASOUND PROGRAM

Sinclair Lewis Room

Saturday Only (7 credits)

Friday, March 23rd, 2012

6:30-7:30PM Pre-registration - **Northland Ballroom Foyer**
7:00-9:00PM Hands-On Scan Sessions – **Northland Ballroom**

Saturday, March 24th, 2012

7:00-7:50 Registration and Continental Breakfast
Northland Ballroom Foyer

7:50-8:00 Welcome Address – **Jill Sandstrom, BS, RVT**

8:00-9:00 How to Perform an Optimal Renal Artery Doppler Examination
Mani Montezemi, RDMS

9:00-10:00 Interesting Vascular Cases Better than Pat's Mother
Patrick Washko, BSRT, RDMS, RVT

10:00-10:30 Break - Vendor Exhibits – **Northland Ballroom**

10:30-11:30 What you may or may Not Know About Deep Vein Thrombosis
Dr. Jason Alexander, MD, FACS, RPVI

11:30-12:30 LUNCH – **America's Harvest Restaurant**

12:30-1:30 The Role of the Vascular Laboratory in Chronic Cerebrospinal Venous Insufficiency (CCSVI) and Multiple Sclerosis
Joseph P. Hughes, RVT, RVS

1:30-2:30 Dialysis Access Evaluation with Ultrasound: Tips and Tricks for the Pre- and Postoperative Assessment
Joseph P. Hughes, RVT, RVS

2:30-2:50 Break - Vendor Exhibits – **Northland Ballroom**

2:50-3:50 Venous Duplex Expanding the Envelope
Patrick Washko, BSRT, RDMS, RVT

3:50-4:50 Professionalism: The Key to Success
Cynthia Rapp BS, RDMS, FAIUM, FSDMS
(Combined Lecture with Cardiac Track in Longfellow Room)

5:00-7:00 Wine and Cheese Reception – **Northland Ballroom**
6:30-10:30 Band – **"Highbrow and the Shades"**

Speakers, lecture topics, and room locations are subject to change.

HANDS-ON SCAN SESSIONS

WHEN: Friday, March 23rd, 2012 7:00-9:00 pm
WHERE: Northland Ballroom
COST: \$25.00 for 1 CME
TOPICS: Fetal Echocardiography
3D Fetal Echocardiography
Elastography
Pediatric Hips
Venous Insufficiency with Perforators
Just for Students - FULL

See Registration form to sign up for your session.
Space limited to 60 attendees and will be assigned on a first come basis. So please sign up early.

SOCIAL

Wine & Cheese Reception

Saturday March 24th, 2012 5:00- 7:00 pm

Time to renew old acquaintances and make new ultrasound friends. Wine, beverages and hors d'oeuvres will be served in the Exhibit hall. A cash bar will also be available. To top off the evening, door prizes and a membership prize will be awarded. You must be present to win!

Return of "HIGHBROW AND THE SHADES"
To perform from 6:30 to 10:30 pm

Check them out on their website – www.hbandtheshades.com

HOTEL ACCOMMODATIONS

The Northland Inn has a block of rooms reserved for participants of the seminar. Rates are **\$99.00** single or double occupancy (plus tax). Room reservations will be given on a first-come, first-served basis until the room block is used. To receive the special rate you must make room reservations by March 3, 2012. You may contact the Northland Inn at the 763-536-8300. Be sure to identify yourself as attending the MSDU Spring Seminar.

GENERAL INFORMATION

TUITION

Registration Fees	Early Bird by 3/02/12	Before 3/14/12	After 3/14/12
Members Both Days (11 credits)	\$175.00	\$200.00	\$250.00
Non-Members Both Days	\$250.00	\$275.00	\$325.00
Members Saturday Only (7 Credits)	\$125.00	\$150.00	\$200.00
Non-Members Saturday Only	\$200.00	\$225.00	\$275.00
Members Sunday Only (4 Credits)	\$75.00	\$100.00	\$150.00
Non-Members Sunday Only	\$125.00	\$150.00	\$200.00
Students	\$50.00	\$50.00	\$75.00

Onsite registration will be cash or check only

Students must be enrolled in a full-time formal education program and a letter from the program director must accompany the registration forms.

Cancellations/Refunds: All written cancellations postmarked no later than March 14th, 2012 will receive a refund minus a \$50.00 processing fee. **No refunds** will be made after March 14th, 2012.

Morning Continental Breakfast and afternoon refreshment breaks will be scheduled in the Exhibit Hall each day. Lunch is provided on Saturday in the America's Harvest Restaurant.

HANDS-ON SCAN SESSIONS - One CME

Add \$25.00 to cost of tuition.

Fetal Echocardiography

3-D Fetal Echocardiography

Elastography

Pediatric Hips

Venous Insufficiency with Perforators

Just for Students - FULL

REGISTRATION

ALL REGISTRATION FORMS MUST BE COMPLETED ON-LINE

If **NOT** paying by credit card; please complete your registration form on-line and send your payment via mail to

**Jennifer Anderson, RDMS
C/O MSDU
3534 114th Lane NW
Coon Rapids, MN 55433**

TUITION / PAYMENT

MSDU Members Non-Member Student

Attendee NAME: _____

Tuition: Both Days \$ _____
 Saturday Only \$ _____
 Sunday Only \$ _____
 Hands-on Session \$ _____
 Total Due \$ _____

ALL SYLLABUS MATERIAL WILL BE PROVIDED IN ELECTRONIC FORMAT.

Check, Cashiers Check or Money Order Accepted
(MAKE CHECKS PAYABLE TO MSDU)

TO PAY BY CREDIT CARD PLEASE VISIT THE MSDU WEBSITE.
www.msdu.org/registration-form.html

Tuition Grants are available for both Members and Students; please see the links on the Annual Meeting Page
www.msdu.org/Annual_Meeting.html

MSDU 2012

OFFICERS, COORDINATORS AND ADVISORS

PRESIDENT

Jane J.K. Burns, AS, RT, RDMS
janeburns@msdu.org

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Sandy Mozey, RDMS
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MEETING COORDINATORS

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STUDENT LIAISONS

Laura Pavlicek, RDMS
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Melissa Pettyjohn, BS

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DISCLOSURE POLICY

It is the policy of the MSDU to provide balance, independence, objectivity and scientific rigor in all its sponsored educational activities. All faculty participating in sponsored programs are expected to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation.

EXHIBITORS

Saturday March 24th, 7:00 am to 7:00 pm

The Exhibit Hall will provide participants the opportunity to view the latest in ultrasound equipment and services. Participants will also meet representatives from exhibiting companies who will demonstrate their products and services.

The MSDU wishes to thank the following corporate sponsors whose financial support and/or exhibits have contributed to the success of this meeting.

GE Healthcare

Gillette Children's Specialty Care

Lantheus Medical Imaging

Samsung Medison America

NXC Imaging

Parks Medical Electronics

Philips Medical

Sanford Medical Center Fargo

Siemens Medical Solutions, Inc.

Sonosite

University of MN Book Store

Zonare Medical Systems, Inc.

ACCREDITATION

Thirteen (13) Continuing Education Credits have been applied for through the Society of Diagnostic Medical Sonographers.

SEMINAR FACULTY

Jason Alexander, MD, FACS, RPVI
Vascular Specialists of Minnesota
Minneapolis Heart Institute
Minneapolis, MN

Jill Beithon RT, RDMS, RDCS, RVT
Ultrasound Manager
Sanford Health System
Fargo, ND

Christopher Carter, MD
Electrophysiology
Children's Heart Clinic
Minneapolis, MN

Jay Desmond, MD
Abbott-Northwestern Hospital
Cardiovascular Diagnostic Services
Minneapolis, MN

Kirsten Dummer, MD
The Children's Heart Clinic
Midwest Adult Congenital Cardiac Center
Minneapolis, MN

Peter Eckman, MD
Assistant Professor of Medicine
University of Minnesota

Joseph P. Hughes RVT, RVS
Taunton, Massachusetts

David Lin, MD
Senior Consulting Cardiologist
Advanced Cardiac Imaging
Minneapolis Heart Institute

Ryan Nolte, RDCS

Mani Montazemi, RDMS
Manager of Ultrasound Imaging Section
Texas Children's Hospital/ Baylor College of Medicine
Houston, Texas

Chad Olinger, DO, RPVI
Metropolitan Heart and Vascular Institute
Coon Rapids, MN

Cynthia L. Rapp BS, RDMS, FAIUM, FSDMS
Director of Clinical Education – SonoCine
Denver, CO

Retu Saxena, MD, FACC
North Memorial Heart and Vascular Institute
Minneapolis, MN

Leslie M. Scoutt, MD
Professor of Diagnostic Radiology & Surgery
Chief, Section of Ultrasound
Yale University School of Medicine
New Haven, Connecticut

Chris Walski BS, RT(R), RDMS, RVT
Sanford Health System
Fargo, ND

Patrick Washko BSRT, RDMS, RVT
Technical Director
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