

# *A Practical Approach to the High Risk Pregnancy: Management and Ultrasound*

WITH A POST-CONFERENCE NUCHAL TRANSLUCENCY  
CREDENTIALING COURSE BY LAWRENCE D. PLATT, MD



*Oct. 24 & 25, 2009  
Minneapolis Airport Marriott*

Presented jointly by the  
Society of Maternal Fetal Medicine (SMFM)  
and Minnesota Perinatal Physicians (MPP)



## CONFERENCE OVERVIEW

This program has been designed to enhance the knowledge of obstetricians, family practitioners, sonographers, nurse midwives, nurse practitioners and other nurse professionals who participate in the care of pregnant patients.

Topics were selected to give participants a comprehensive understanding of common complaints seen in the high risk obstetrical patient and will include information on diagnosis and management with ample time for participant feedback and interaction.

## TARGET AUDIENCE

This course is designed for physicians, fellows, residents, sonographers, nurse midwives, nurse practitioners and other nurse professionals.

## TUITION

Registration fee for 2 day course to include NT course: \$595

Registration for 1.5 days of high risk and ultrasound only: \$425

Registration for NT course only: \$350

Tuition includes course materials, continental breakfast, lunch and refreshments.

## CANCELLATION POLICY

Tuition is refundable if received by Monday, Oct. 12. Notices after this date will not receive a refund. You may send an alternate. To complete your cancellation or substitution, call 612-863-7021 or email [lisa.wahl@allina.com](mailto:lisa.wahl@allina.com).

## SPECIAL NEEDS

The Planning Committee is fully committed to accommodating the special needs of participants and will do everything possible for requests called in at least seven business days in advance of the start date to 612-863-7032. Accommodations or special requests after that timeframe cannot be guaranteed.

## LOCATION

The course will be held at the Minneapolis Airport Marriott located at 2020 American Boulevard, Minneapolis, MN, 55425. The hotel is minutes from the Mall of America, the nation's largest retail and entertainment complex.

### Hotel website:

[www.marriott.com/hotels/travel/mspmn-minneapolis-airport-marriott/](http://www.marriott.com/hotels/travel/mspmn-minneapolis-airport-marriott/)

### Area attractions:

[www.mallofamerica.com](http://www.mallofamerica.com)

[www.exploreminnesota.com](http://www.exploreminnesota.com)

## ACCOMMODATIONS

A block of rooms has been reserved for conference participants at the Minneapolis Airport Marriott. Rooms may be reserved at the discounted price of \$89.00 + tax, by calling 1-800-228-9290. Indicate that you are reserving a room under the "Abbott Northwestern Hospital" room block. Reservations must be made by Friday, Oct. 16, 2009 in order for the special rate to be guaranteed.



## Conference Objectives

- Discuss new insights into preeclampsia prediction, the results of the ongoing multi-center trial, and future potential uses for biomarkers.
- Evaluate current evaluation and treatment recommendations for thrombophilias in pregnancy.
- Distinguish serious from benign pruritic conditions in pregnancy, determine which require referral to a dermatologist, and list treatment options.
- Discuss diagnosis, treatment, and necessary precautions for common and uncommon viral infections in pregnancy.
- Review issues surrounding higher order multiples including prevalence, pregnancy risks, and optimal management.
- Review NICHD guidelines for fetal monitoring and discuss current and emerging methods of fetal evaluation.
- Discuss current initiatives to increase patient safety in obstetrics.
- Review maternal/fetal risks, diagnosis, and surgical management of placenta previa and placental accreta/increta/percreta.
- Discuss approach to obesity in pregnancy, including maternal and fetal pregnancy risks, ultrasound surveillance, antenatal testing, and issues surrounding delivery.
- List current recommendations for screening, treatment, and surveillance for gestational diabetes.
- Describe fetal structures visible on the 11-14 week scan, and issues of controversy surrounding 1st versus 2nd trimester ultrasound for detection of anomalies.
- List the required components of the fetal echocardiography examination, including review of findings in common congenital defects.
- Discuss development of future tools for prediction and treatment of preterm birth.
- Review identification of, etiologies, and management strategies for inappropriate fetal growth.
- Discuss indications for and outcomes of laser surgery for TTTS.
- Learn indications for various levels of obstetrical ultrasound, and how to code for appropriate reimbursement.

## Nuchal Translucency Credentialing

Nuchal Translucency (NT) measurement in association with first trimester biochemistry has shown to be an excellent screening modality for chromosomal abnormalities in the fetus. The Maternal Fetal Medicine Foundation (MFMF) recognizes the need for quality assurance in the area of first trimester risk assessment and presents this educational course with the Society for Maternal Fetal Medicine and Allina Hospitals & Clinics on the theories and techniques involved in obtaining accurate NT measurements. This program is designed for physicians and sonographers and meets the education course requirement component of credentialing by the MFMF.

### COURSE OBJECTIVES

- To understand the data underlying first trimester screening, second trimester screening and a combination of first and second trimester screening for fetal aneuploidy
- To become familiar with the standardized technique for imaging and measuring the fetal nuchal translucency
- To understand the importance and methods underlying quality assurance for nuchal translucency sonography
- To be aware of the pitfalls and implementation difficulty in applying nuchal translucency base screening to a clinical practice

### ACCREDITATION

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of Allina Hospitals & Clinics and the Society for Maternal Fetal Medicine.

The Center for Learning & Innovation, Office of Accreditation at Allina Hospitals & Clinics designates this educational activity for a maximum of *12.75 AMA PRA Category 1 Credits™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Application for pre-approval has been submitted to the Society of Diagnostic Medical Sonography and is pending approval of 12.75 SDMS CME Credits in the content area of Ultrasound.

The Center for Learning & Innovation, Office of Accreditation at Allina Hospitals & Clinics is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Participants can earn up to 12.75 nursing contact hours.

Individuals representing other professional disciplines may submit course materials to their respective professional associations for 12.75 hours of continuing education credit.

Oct 24 = 6.25 | Oct 25 = 3.5 | NT Credentialing = 3

# Faculty

**Marijo Aguilera, MD**  
Clinical Instructor and Fellow, Maternal Fetal Medicine, University of Minnesota, Minneapolis, MN

**Maureen Brennan, RN**  
Director of Education and Clinical Support, Neonventa, Inc.

**Brad Feltis, MD**  
Pediatric Surgical Associates, Children’s Hospitals and Clinics of Minnesota, Minneapolis, MN

**Helen Feltovich, MD**  
Minnesota Perinatal Physicians, Minneapolis, MN,  
Research Assistant Professor, Medical Physics & Ob/Gyn, University of Wisconsin, Madison, WI

**Emanuel Gaziano, MD**  
Minnesota Perinatal Physicians, Allina Hospitals & Clinics, Minneapolis, MN , Professor, University of Minnesota, Minneapolis, MN

**David Gremmels, MD**  
The Children’s Heart Clinic, Children’s Hospitals and Clinics of Minnesota, Minneapolis, MN

**Stephanie Martin, DO**  
Director, Maternal-Fetal Medicine, Memorial Health, Colorado Springs, CO

**Judy Ney, MD**  
Minnesota Perinatal Physicians, Allina Hospitals & Clinics, Minneapolis, MN

**Lawrence D. Platt, MD**  
Professor, David Geffen School of Medicine at UCLA,  
Director, Center for Fetal Medicine and Women’s Ultrasound, Los Angeles, CA

**Philip Rauk, MD**  
Associate Professor, Maternal Fetal Medicine, University of Minnesota, Minneapolis, MN

**Celeste Sheppard, MD**  
Medical Director, Hill Country Maternal Fetal Medicine, Austin, TX

**William Wagner, MD**  
Minnesota Perinatal Physicians, Allina Hospitals & Clinics, Minneapolis, MN



# Planning Committee

**Helen Feltovich, MD**  
Minnesota Perinatal Physicians

**Kris Flanagan, MBA**  
Abbott Northwestern Hospital

**Emanuel Gaziano, MD**  
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Abbott Northwestern Hospital

**Lawrence D. Platt, MD**  
Center for Fetal Medicine and Women’s Ultrasound

**Michele Stout**  
Minnesota Perinatal Physicians

**Lisa Wahl**  
Abbott Northwestern Hospital

**Paula Wickham**  
Minnesota Perinatal Physicians

Saturday, Oct. 24

Approaches To Common Issues In High Risk Pregnancy

8:15-8:30	Introduction & Welcome Emanuel Gaziano, MD Helen Feltovich, MD
8:30-9:00	Preeclampsia: Biomarkers & Current Directions Emanuel Gaziano, MD
9:00-9:30	The Latest Word on Thrombophilias Stephanie Martin, DO
9:30-9:45	Question & Answer Session
9:45-10:00	Break
10:00-10:30	This Itching is Driving Me Crazy: Pruritis in Pregnancy Celeste Sheppard, MD
10:30-11:00	Viruses in Pregnancy: When to Worry? Stephanie Martin, DO
11:00-11:30	How Many is Too Many for Higher Order Multiples? Judith Ney, MD
11:30-11:45	Question & Answer Session
11:45-1:00	Lunch
1:00-1:30	Monitoring the Fetus in Labor: How Do We Avoid Risk? Maureen Brennan, RN
1:30-2:00	Playing it Safe: Patient Safety Issues in Obstetrics Phillip Rauk, MD
2:00-2:30	Take It or Leave It: Surgical Management of Abnormal Placentation William Wagner, MD
2:30-2:45	Question & Answer Session
2:45-3:00	Break
3:00-3:30	The Growing Problem of Obesity in Pregnancy Marijo Aguilera, MD
3:30-4:00	Update on Gestational Diabetes Celeste Sheppard, MD
4:00-4:15	Question & Answer Session
4:15	Adjourn

Sunday, Oct. 25

Topics In Obstetrical Ultrasound

8:30-9:00	First Trimester Ultrasound: How Much Can We Really Detect? Lawrence D. Platt, MD
9:00-9:30	What Should We See on 2 <sup>nd</sup> Trimester Fetal Echocardiography? David Gremmels, MD
9:30-10:00	What Else Can We Learn from Cervical Ultrasound? Helen Feltovich, MD
10:00-10:15	Question & Answer Session
10:15-10:30	Break
10:30-11:00	Too Big or Too Small? Identifying Problems with Fetal Growth Helen Feltovich, MD
11:00-11:30	Laser Ablation for Twin-Twin Transfusion Syndrome Brad Feltis, MD
11:30-12:00	Coding Issues in Obstetrical Ultrasound Lawrence D. Platt, MD
12:00-12:15	Question & Answer Session
12:15	Meeting Adjourns

Post-Conference Nuchal Translucency Credentialing Course

12:30	Registration
1:00-4:30	NT Credentialing Course
Lecture 1	Background, Screening for Down Syndrome, Second Trimester Risk Assessment, First Trimester Risk Assessment, Nasal Bone
Lecture 2	Combining First and Second Trimester Scanning
Lecture 3	Technical Aspects of Nuchal Translucency Measurements
Lecture 4	First Trimester Risk Assessment in Multiple Gestations, The Genetic Sonogram, Summary



## Allina Employee and Affiliates Registration

Prior to registering we recommend that you confirm your “preferred email address”.

Go to the AKN > click on the My Allina logo > log in using your Allina Login ID and password > near the top of the page, click on the link Personal Profile > click on Update Your Email Addresses on the right-hand side of the page; you may need to scroll down. Make sure to check “your preferred address”.

### AKN Registration

1. On the AKN homepage, click on Education & Research.
2. Under Training, click on Allina Learning Management System (Saba). Go to #3

### Internet Explorer Registration

1. Open Internet Explorer on your computer desktop
2. Type in correct case: <https://training.sabanow.net/Saba/Web/Main> (case sensitive)  
Go to #3.

### My Allina Learning Page

3. Log in using your Allina network ID (A#, D#, etc.) and password.
4. On the Home page in the Catalog Search box click “Advanced Search”, in the title box type “A Practical Approach to the High Risk Pregnancy”, click Search Learning Catalog.
5. Click on Register to the far right of the page.
6. To verify your registration, go to “My Enrollments”

After you self register in Saba, you will receive a registration confirmation via email from [education@allina.com](mailto:education@allina.com). This is the **ONLY CONFIRMATION** you will receive; please retain a copy for your records. The email includes tuition payment form, conference details & maps. We ask that you complete the Tuition Payment Form and return to the Center for Learning & Innovation. Note: Allina Cost Center Numbers/P-cards are no longer accepted for payment.

If you have not received a registration confirmation via email after registering in Saba, you can check under your HOME Tab, “Current Enrollments” or by contacting the Center for Learning & Innovation at 612-262-5038 to verify your registration.

For Technical assistance regarding access or problems in Saba, contact Allina’s Technology Support Center at 612-262-1900 or 1-800-315-4085.

## Registration Confirmation

A registration confirmation will be sent via email [Education\\_at\\_Allina@ServerVault.com](mailto:Education_at_Allina@ServerVault.com). This is the **ONLY CONFIRMATION** you will receive; please retain a copy for your records. The email includes conference details and maps, we recommend printing. If you have not received a registration confirmation via email prior to the start of the conference, please contact the Center for Learning & Innovation at 612-262-5038 to verify your registration.

## Registration Deadline: Oct. 12, 2009

### General Registration (Please Print)

Name \_\_\_\_\_

E-mail \_\_\_\_\_

(Your registration confirmation, conference information & survey will be sent to you via email)

Last four digits of SS# \_\_\_\_ \_\_\_\_ \_\_\_\_ \_\_\_\_

(This is your transcript # only and will remain confidential)

Place of employment: \_\_\_\_\_

### Tuition:

Registration fee for 2 day course to include NT course: \$595

Registration for 1.5 days of high risk and ultrasound only: \$425

Registration for NT course only: \$350

### Mailing Information:

Home address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone: Work \_\_\_\_\_ Home \_\_\_\_\_ Fax \_\_\_\_\_

### Method of Payment:

☐ Check enclosed, payable to *Allina Hospitals & Clinics*

Please indicate any dietary or special needs \_\_\_\_\_

Vegetarian ☐ Yes ☐ No

### Mail Registration to:

Merrilee Hagberg

Abbott Northwestern Hospital

MR 16601

800 East 28th Street

Minneapolis, MN

### Fax Registration to:

612-863-3299

### Questions:

612-863-5829

### Email:

[merrilee.hagberg@allina.com](mailto:merrilee.hagberg@allina.com)



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