

# First Trimester Prenatal Screening and Ultrasound Diagnosis

## Official FMF Nuchal Translucency (NT) and Nasal Bone (NB) Courses

Provided in collaboration with:



and



**Course Director:** Philip Buchanan, Ph.D.

**Course Includes:** The 11-13 Week Scan, NT, NB, Biochemical and Ultrasound Markers, Twins, and Counseling

**Course Description: First Trimester NT/freeBeta/PAPP-A Screening was approved by ACOG, June 2004 (www.GeneCare.com).** A didactic official Fetal Medicine Foundation certificate program in 11-13 Week Scan, and NT/NB/freeBeta/PAPP-A screening has been combined with a hands-on ultrasound laboratory to allow learned material to be perfected in a practical setting. The FMF NT and NB Standard Certificates are a two step process. This non-profit course provides the didactic NT/NB Course Certificate (step 1). The Practical Exam Certificates follows with submission of NT and NB films (step 2).

**Course Objectives:** At the conclusion of the conference participants should be able to: 1. Describe methods of First Trimester prenatal NT, NB and biochemical screening for chromosomal, heart and other abnormalities and perinatal risk. 2. Describe First Trimester NT, NB biochemical and ultrasound markers. 3. Discuss how the combination of biochemical and ultrasound markers may be combined to detect 90 to 97% of Down syndrome and Trisomy 18. 4. Explain the clinical and patient counseling issues regarding First-Trimester Prenatal Screening and Pregnancy Management Protocol. 5. Perform an 11-13 week ultrasound examination, measure NT and evaluate the NB.

The NICHD-BUN study (Snijders, et al., Ultrasound Obstet Gynecol; 19:353-359, 2002.) confirmed that each person performing NT measurements should attend an FMF NT certificate course and maintain external QC. Each attendee is responsible for submitting films after the course. Combined NT/freeBeta/PAPP-A screening is only provided for individuals who have an FMF NT certificate. NT should always be provided with biochemistry (ACOG, 2004) to reduce positives from 8.3% to 2.3% and increase detection from 80% to 91%. Genetic Counselors and other health providers providing prenatal screening should take this practical course and receive an FMF course certificate.

Beth Israel Medical Center and St Luke's & Roosevelt Hospitals are accredited by the Accreditation Council on Continuing Medical Education to provide continuing medical education for physicians. St. Luke's & Roosevelt Hospitals designates this continuing medical education activity for a maximum of 8.0 credit hours in Category 1 credits towards the AMA Physician Recognition Award. Each physician should claim only those hours of credit he/she actually spent in the educational activity.

### First Trimester Prenatal Screening & Ultrasound Diagnosis

- ? **Saturday, May 14, 2005 – Newark, NJ** – Sheraton Newark Airport Hotel (973) 690-5500
- ? **Saturday, June 4, 2005 – Cincinnati, OH** – Embassy Suites Hotel (859) 261-8400
- ? **Saturday, July 23, 2005 – Minneapolis, MN** – Hyatt Regency Minneapolis (612) 370-1234
- ? **Saturday, August 20, 2005 – Nashville, TN** – Gaylord Opryland Resort (615) 871-5824
- ? **Saturday, September 24, 2005 – Atlanta, GA** – Westin Buckhead Atlanta (404) 365-0065
- ? **Wednesday, October 5, 2005 – Dallas, TX** – Hyatt Regency Dallas (214) 651-1234
- ? **Saturday, October 22, 2005 – Orlando, FL** – Hilton in the Walt Disney World Resort (407) 827-4000

- \$380 Physician
- \$280 Resident/Fellow, Nurse, Midwife, Nurse Practitioner
- \$260 Sonographer
- \$240 Genetic Counselor
- \$ 25 Late Fee

**\*\* \$ 25 Late Fee & \$ 100 Cancellation Fee apply 10 business days before each course.**

Name \_\_\_\_\_ Institution Name \_\_\_\_\_

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

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_ Specialty \_\_\_\_\_

**FMF Certificate/CME/CEU:** ? M.D. ? D.O. ? Ph.D. ? R.N. ? CNM ? NP ? LPN ? ARDMS ? SDMS ? MS: \_\_\_\_\_

**Payment:** ? Enclose Check (payable to **GeneCare Medical Genetics Center**)

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Mail/Fax (919) 967-9519 completed registration form and enclose payment payable to: **GeneCare Medical Genetics Center**  
201 Sage Road, Suite 300 Chapel Hill, NC 27514-4270. For course, hotel, NT certificate, and CME/CEU information:

Call (800) 277-4363, E-mail [info@genecare.com](mailto:info@genecare.com), or visit online at [www.genecare.com](http://www.genecare.com)