

## **NT AND NASAL BONE CERTIFICATES**

Dear Colleague,

A Fetal Medicine Foundation (FMF) Nasal Bone Certificate is available for physicians, sonographers, and other health care providers who have attended an FMF NT and Nasal Bone course. A

review of six major prospective studies published to date (15,075 fetuses) has shown that the nasal bone is absent in approximately 70% of fetuses with Down syndrome at 11-13.9 weeks' gestation (45-84mm CRL) when the ultrasound examination is performed by appropriately trained sonographers. In addition to formal training, it has been shown that an average number of 80 (range 40-120) NB evaluations are required in order for a sonographer to achieve the needed proficiency (Cicero, 2004). The international literature has documented that Nasal Bone evaluation is an effective and consistent chromosomal abnormality marker in both the first and second trimester.

Dried blood NT/freeBeta/PAPP-A screening provides 91% Down syndrome detection, less than 2.4% screen positive rate, and 1 in 17 yield. The addition of Nasal Bone raises detection to 95% at 2% screen positive rate.

### **NASAL BONE TRAINING RECOMMENDED**

Nasal Bone evaluation requires the same formal training at an FMF NB didactic course, hands-on-training, film evaluation, and annual renewal of the FMF Nasal Bone Certificate as for Nuchal Translucency.

### **FMF NASAL BONE CERTIFICATE NOW OFFERED**

Because a large number of physicians and sonographers in the USA have received formal Nasal Bone training, we now offer the FMF Nasal Bone Certificate. Those physicians and sonographers who have attended an FMF Nuchal Translucency and Nasal Bone course are eligible to send Nasal Bone films with a film submission form to obtain a certificate. The NB Film Submission Form available at [www.genecare.com](http://www.genecare.com) provides instructions for sending Nasal Bone images to receive your FMF Nasal Bone Certificate at no charge.

### **NASAL BONE COURSES**

We encourage anyone who would like to provide NT/NB/freeBeta/PAPP-A Screening to their patients to attend an FMF NT and Nasal Bone course. More information on FMF NT and Nasal Bone courses and certificates is provided at [www.genecare.com](http://www.genecare.com)