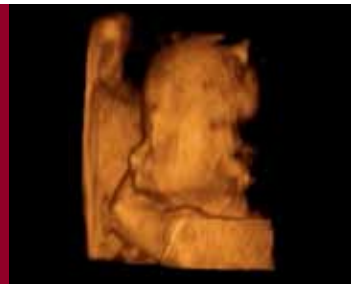


Fetal Imaging Services

Beaumont Hospital, Grosse Pointe



You and your patients will benefit from:

- exams performed by ARDMS certified sonographers with experience in fetal imaging and additional specific certifications in fetal echocardiography, nuchal translucency screening and cervical-length evaluation
- exams reviewed by physicians who are certified in either maternal-fetal medicine or pediatric radiology
- results finalized and available in your patient chart in One-Chart/Epic the same day
- delivery of the finalized ultrasound report via your preferred laboratory reporting method (i.e. fax vs email)
- personal calls for any new or significant abnormal findings

Beaumont, Grosse Pointe offers fetal imaging services, including:

First trimester genetic screening with nuchal translucency:

The following exams involve measurement of the fetal nuchal translucency (NT) in combination with results from maternal serum analyses to establish a risk for chromosomal abnormalities. The ultrasound portion of the exam is ideally performed between 11+3 – 13 weeks. Results are reported by the Beaumont lab according to the strategy chosen by the patient and referring physician:

- **First trimester screening:** One-step testing combines NT with simultaneous testing of hCG and Papp-A - results reported in the first trimester.
- **Full integrated screening:** Two-step testing combines NT and Papp-A collected at the time of NT measurement, combined with subsequent quad screen (hCG, inhibin-A, AFP, and estriol) collected in the second trimester- results reported in the second trimester after the second maternal serum test.

- **Sequential screening:** combines NT, and Papp A collected at the time of NT measurement. If the test indicates high-risk for chromosomal anomalies above a threshold of 1 in 30. The abnormal results are released to the physician in the first trimester; if not results of the quad screen are combined with the first trimester screening and reported in the second trimester.

Screening anatomic survey

Cervical length screening: New finding of a short cervix will be communicated to the referring physician.

Ultrasonographic biophysical profile: Scores of $\leq 6/8$ will be communicated to the referring physician.

Umbilical artery and MCA doppler: Abnormal results will be communicated to the referring physicians.

Fetal echocardiogram (in select cases): At this time, the exam will only be offered for patients with risk factors for congenital heart disease (for example diabetes, drug exposure or family history of congenital heart disease). Patients with pregnancies complicated by known congenital heart disease or those referred because of suspicion for congenital heart disease based on routine screening ultrasound will be seen at the fetal imaging facility in Royal Oak or Troy.

To schedule an ultrasound exam, please complete the order form and fax to 248-898-5128 prior to your patient calling to schedule her appointment.

Call 248-898-0612 if you have any questions about our services.