

Perinatal Diagnostic Center

The Perinatal Diagnostic Center uses the latest ultrasound technology to evaluate both low- and high-risk obstetrical patients. We offer perinatal consulting with a perinatologist for in and outpatients. Our [Reproductive Genetics Department](#) [1] offers genetic counseling as part of comprehensive prenatal diagnosis.

We specialize in non-invasive fetal testing as well as invasive testing and treatment.

Non-Invasive Fetal Testing

- Transabdominal & transvaginal ultrasound
- Fetal growth assessment using multiple parameter computerized assessment
- Level II ultrasound for major anomaly detection
- Targeted ultrasound for anatomical and functional assessment of complex cardiac and multisystem defects
- Multidisciplinary management approach in collaboration with pediatric sub-specialists
- Utero-placental and fetal placental Doppler for high-risk pregnancies
- Complete fetal Doppler (umbilical artery, middle cerebral artery, descending aorta, inferior vena cava, cardiac outflows, and ductus venosus) for the assessment of the fetus with growth restriction prior to term
- Non-stress test along with biophysical profile for fetal well-being assessment of fetuses at risk
- Computerized ratios of multiple fetal Doppler parameters for the assessment of fetal brain oxygenation (brain sparing assessment)

Invasive Testing and Treatment

Some high-risk pregnancies involve intensive fetal surveillance to provide information about the health of the fetus. Certain conditions may require procedures for diagnostic or treatment purposes as follows:

[Amniocentesis](#) [2]

[Chorionic Villus Sampling \(CVS\)](#) [3]

- Fetal Echocardiogram
- Percutaneous

[Umbilical Blood sampling](#) [4]

- Transfusions

[Find a Physician](#) [5]

Appointments

718.250.8123

Location

Dispensary, 3rd Floor

Languages

English, Italian, Russian/Georgian, Creole, French, Spanish. Free interpreter services are available for many other languages.

Insurance

Most major [insurance plans](#) [6] are accepted.

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Non-invasive Fetal Testing

~~718-250-8123~~
~~NON-INVASIVE FETAL TESTING~~ TRANSDUCTOR TRANS ABDOMINAL ULTRASOUNDS

An ultrasound (sonogram) uses a device that transmits harmless sound waves to create images. It may be offered during pregnancy for a variety of reasons, including verifying a due date, checking for multiple fetuses, evaluating fetal growth, investigating complications such as placenta previa (a low-lying placenta) or slow fetal growth, or detecting malformations like anencephaly.

INVASIVE TESTING AND TREATMENT

Amniocentesis involves the removal of a small amount of amniotic fluid (the water surrounding a developing baby) from the uterus under ultrasound guidance after 14 weeks of pregnancy. The amniotic fluid is used to test for fetal lung maturity, to evaluate fetal kidney functions, to remove fluid accumulation within the baby's abdomen, heart or lungs and to analyze fetal chromosomes and/or DNA.

Chorionic Villus Sampling involves the removal of a small sample of chorionic villus (early placental tissue) from the uterus under ultrasound guidance. CVS is usually performed between 10 and 12 weeks gestation. DNA and/or chromosome analysis can be performed on the tissue.

Percutaneous Umbilical Blood Sampling (PUBS): Fetal blood sampling can be used to diagnose fetal infections, fetal anemia and other medical conditions where blood testing is essential.

Transfusions: Fetuses who suffer from severe anemia can be transfused before birth when necessary (anti-D, anti-Kell, etc.)

Fetal Echocardiogram: This service is provided by a Pediatric Cardiologist. Appointments can be scheduled through the Perinatal Diagnostic Center or [Department of Pediatrics](#) [8].

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Links:

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