



**INSTITUTE FOR
WOMEN'S HEALTH**

High Risk Pregnancy Subspecialty Care

The Medical City Hospital has a High-Risk Pregnancy Clinic situated within the Women's Health Care Center (WHCC) where comprehensive prenatal screening and several diagnostic services are offered and used to diagnose both maternal and health conditions early:

1. Combined first trimester screening test for preeclampsia

This test is done between 11 to 13 6/7 weeks AOG. It is a non-invasive test that combines ultrasound studies of blood flow across the uterine arteries, blood pressure (BP) readings and blood tests (serum placental growth factor and serum pregnancy-associated plasma protein A or PAPP-A) to determine a woman's predisposition to develop preeclampsia and its complications during pregnancy. Women of advanced maternal age: 35 years old and above

2. Combined first trimester screening test for Trisomy 21, Trisomy 18 and Trisomy 13

This is a non-invasive test done between 11 and 13 6/7 weeks of pregnancy. It combines a woman's risk factors with ultrasound measurement of the nuchal translucency, nasal bone and blood tests (serum pregnancy-associated plasma protein A or PAPP-A and serum free beta-HCG).

3. Non-invasive prenatal testing (NIPT)

This is a non-invasive test that can be done as early as 9 weeks of pregnancy. The test involves getting a sample of the mother's blood and a small fraction of fetal cell-free DNA within this sample is analyzed to find out if a woman is carrying a baby at high risk for trisomy.

4. Invasive prenatal testing

This confirmatory test is intended for those women with a positive test on either the combined first trimester screening or the non-invasive cell free DNA testing. This procedure is usually performed in the second trimester of pregnancy (starting at about 15 weeks age of gestation). Women usually undergo genetic counseling before and after having amniocentesis.

For inquiries and appointments, please call

THE MEDICAL CITY'S WOMEN'S HEALTH CARE CENTER

at tel. nos. **8988-1000 ext. 6336**, or email **whcc@themedicalcity.com**



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