
SERVICE UPDATE: CHANGES TO PRENATAL SCREENING

We are pleased to inform you of upcoming changes to prenatal screening tests offered at Trillium Health Partners.

As of November 6, 2017, Integrated Prenatal Screening (IPS) will be discontinued at Trillium Health Partners. All part one samples that were received **before** this date will be completed after part two is received. Part One samples received for IPS **after** this date will be converted to Enhanced First Trimester Screening (eFTS).

Maternal Marker Prenatal Screening options will now include:

- Enhanced First Trimester Screening (eFTS) for both singleton and twin pregnancies (11+0 to 13+6 weeks)
- Second Trimester Screening (MSS) (15+0 to 20+6 weeks)

Enhanced FTS (eFTS) for a singleton pregnancy adds two additional markers: placental growth factor (PIGF) and first trimester AFP to the current markers PAPP-A, beta-hCG and the nuchal translucency measurement (NT). Click here to learn more about eFTS in singleton pregnancies:

<http://trilliumhealthpartners.ca/patientservices/genetics/Pages/Enhanced-FTS-FAQs.aspx>

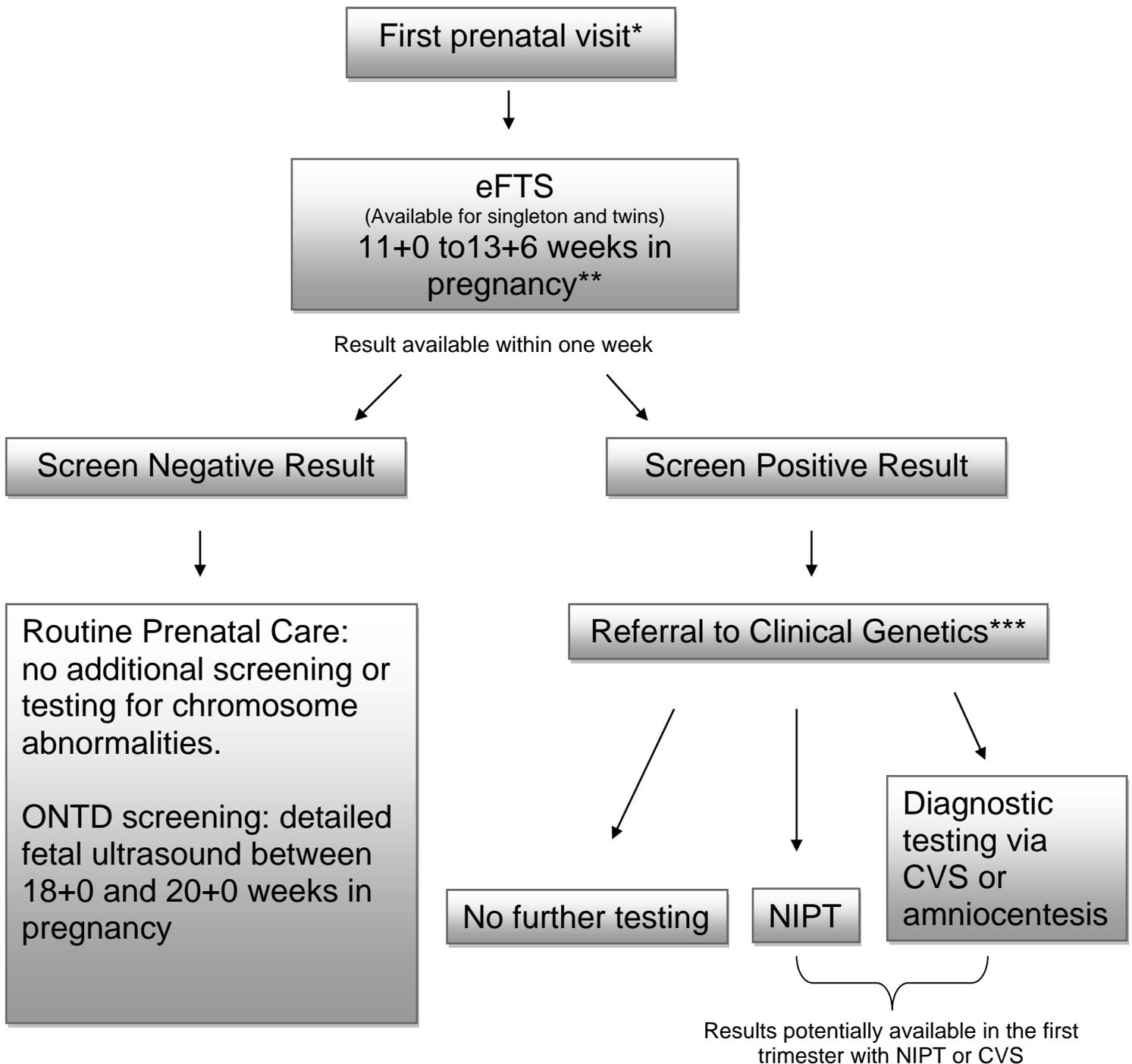
Enhanced FTS in Twin pregnancies uses 2 serum markers (PAPP-A and free beta-HCG) plus the nuchal translucency (NT) measurement, along with maternal age to generate a *pregnancy specific risk* for Down syndrome. . This test can also indicate a high risk for trisomy 18. [Click here to learn more about eFTS for twin pregnancies:](#)

Of note: eFTS does not screen for open neural tube defects. However, SOGC guidelines regarding screening for fetal neural tube defects (October 2014) endorses the use of ultrasound (18-20 weeks) for screening of ONTD.

A NEW Prenatal Screening requisition can be accessed through :

<http://trilliumhealthpartners.ca/patientservices/genetics/Pages/requisitions-forms.aspx>

New Proposed Prenatal Screening Algorithm:



*NIPT is available as a first line Ministry of Health funded screen for women ≥ 40 years of age at the time of delivery or women with a previous aneuploidy

**NT ultrasound followed by blood work

***Closest Genetics clinic: <https://www.cagc-accg.ca/?page=225>