

NIPT

Funded NIPT: is now fully integrated within the BC screening model. More than 80% of women receiving a positive (SIPS/IPS/Quad) screen choose to do NIPT rather than amnio as the next step. For lab requisitions and collection sites, please visit: www.bcprenatalscreening.ca/NIPT

Stats: TAT for results: 10 days | Initial no-result rate: ~4% | 2/3 of women have a result on second draw

Self-pay NIPT:

- BC data reinforces that (also) ordering SIPS for women choosing self-pay NIPT is **NOT** indicated for the sole reason of predicting adverse obstetrical outcomes as the detection rate is less than 20% with a false positive rate close to 10%
- An NT ultrasound is **NOT** recommended for women who have chosen self-pay NIPT. NIPT is a superior screening test to the NT ultrasound for aneuploidy screening

COUNSELLING for Positive NIPT results

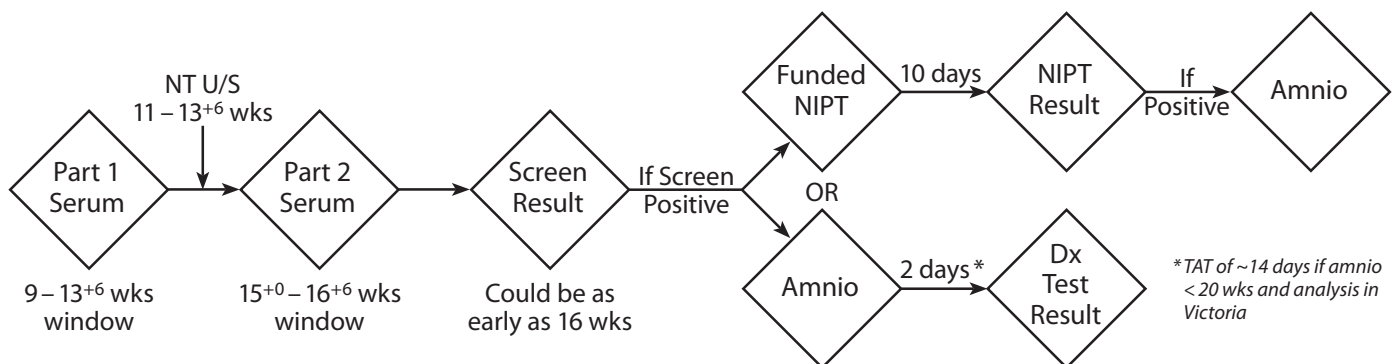
NIPT is a screening test, not a diagnostic test. A CVS or Amnio should be done for confirmation after a positive NIPT result. The chance that an NIPT positive result is a true positive is dependent on the woman’s prior risk of Down syndrome, trisomy 18, trisomy 13. In low risk women having self-pay NIPT, the positive predictive value is only 40 – 80% depending on their age. An irrevocable obstetrical decision should not be made based on NIPT results alone.

➔ **NUCHAL TRANSLUCENCY (NT) ultrasounds**, as part of IPS, are available at certified ultrasound clinics in all health authorities. Capacity has been added in Vancouver Coastal, Fraser Health, and Northern Health. For the most up-to-date sites, please visit: <http://tinyurl.com/IPS-eligibility>

- REMINDER: Women of **ANY** maternal age with a **MULTIPLE** gestation qualify for an NT ultrasound

➔ **WAYS to improve the screening process**

- **NEW** educational video for expectant parents and families on BC’s prenatal screening options: <http://tinyurl.com/BC-PGS-Choice>
- For women who have undergone SIPS/IPS/Quad screening and are found on detailed ultrasound to have a marker of aneuploidy, their risk of Trisomy 21 can be readjusted using our calculator at: <http://tinyurl.com/Trisomy21Calc>
- **Timing is everything.** The earlier the results, the earlier patients are reassured or, in the event of a positive screen, the more time is available for follow up testing if desired (NIPT or amnio).



- The ideal time to collect Part 2 blood is **15 – 16 weeks** but the lab will now also report on samples received between **14 – 15 weeks**. Download the updated lab requisition at <http://tinyurl.com/LabReqs>