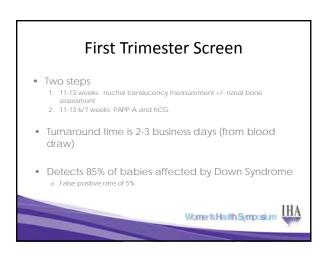
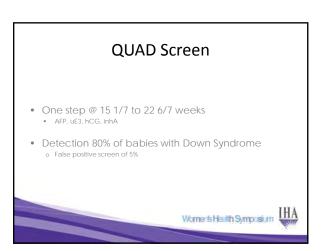
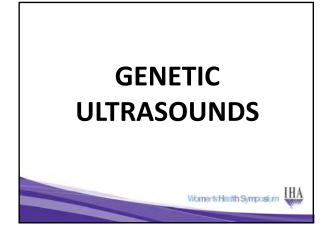


Available "blood tests" • First trimester screen • Sequential screen • Quad screen Wome shalf Symposium



Sequential Screen Three steps 1. 11-13 weeks: nuchal translucency measurement +/- nasal bone 2. 11-13 6/7 weeks: PAPP-A 3. 15-22 6/7: AFP, uE3, hCG, inhA Turnaround time is 2-3 business days (from 2nd draw) Detects 88% of babies with Down Syndrome o False-positive rate of 1%

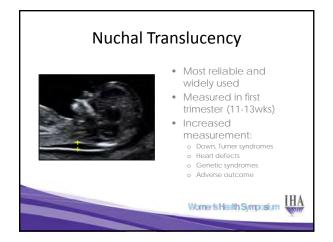






FIRST TRIMESTER GENETIC ULTRASOUND (NT ULTRASOUND)





SECOND TRIMESTER GENETIC ULTRASOUND (18-20 WEEKS)

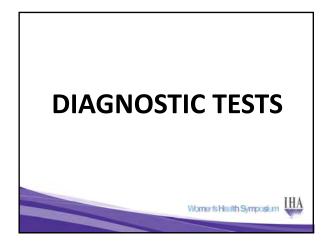


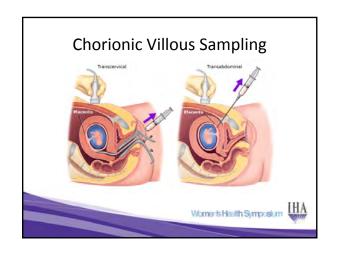
"Soft" Markers

- Ultrasound findings of uncertain significance
- Most often:
 - o are normal variants (found in 11 to 17% of normal fetuses)
 - o have no long-term problems
- o are usually resolved by the time of delivery
- May carry increased risk for aneuploidy
- · Detection and reporting is CONTROVERSIAL

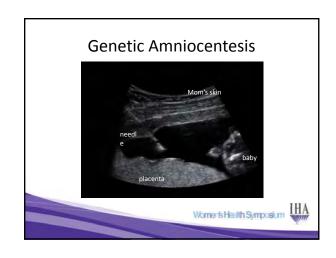


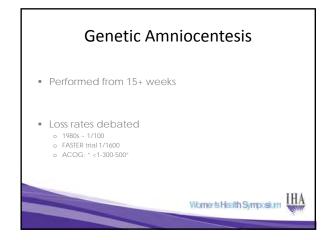


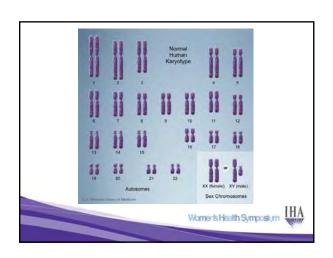




Chorionic Villous Sampling (CVS) Performed from 10-13 weeks Loss rates similar to amniocentesis loss rates Background pregnancy loss rates high in the first trimester Background loss rates increase with maternal age

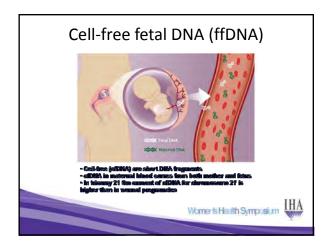


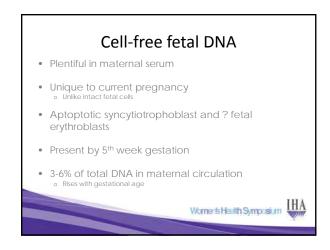








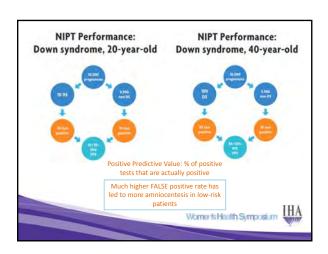


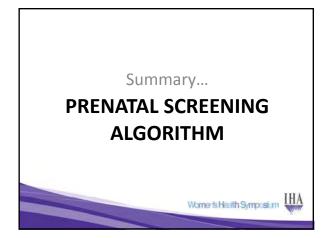


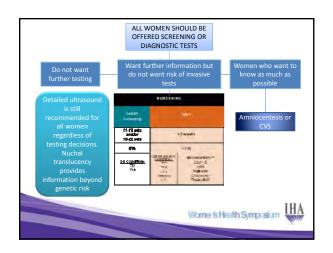
Cell-free fetal DNA Most useful for Down Syndrome Results: Percent of babies without Down who have a negative test→ 99.7% Percent of babies with Down who have a positive test→ 99.1% Diagnostic confirmation of positive results is recommended Weight Symposium





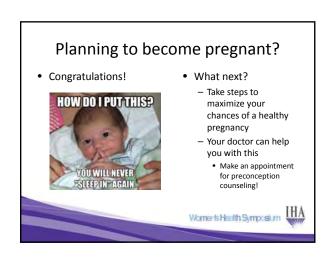






Fertility Facts:
What you should know before trying to conceive

Christine Pipitone, MD
IHA Canton OB/GYN



Your preconception visit

- Can be a quick discussion during your annual exam or a separate visit for in-depth discussion, depending on your risks and needs
- What will be discussed?
 - Your medical history and prior surgeries
 - Infection history and vaccines
 - Family history and risk of genetic problems
 - Previous pregnancy history
 - Medications you are taking
 - Smoking and use of alcohol or drugs
 - Exposure to harmful substances

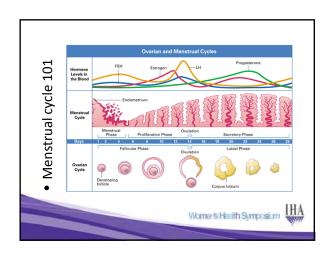
Women's Health Symposium

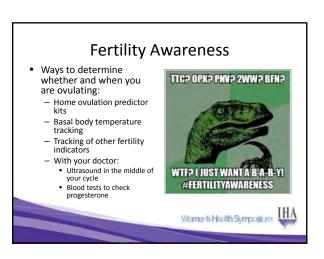


The importance of a healthy weight Try to obtain a normal (or as close to normal as possible) BMI prior to pregnancy - Women who weigh too much or too little have increased risks of complications during pregnancy: miscarriage, diabetes, high blood pressure, cesarean section, and others Wome SHallh Symposim

PRENATAL VITAMINS! Start now, don't wait until you are already pregnant Diet Eat a wide variety of healthy foods PRENATAL VITAMINS! Start now, don't wait until you are already pregnant NOUPREGNANT Wome & Haith Symposium











How do I know if there is a problem?

- It can take normal couples with no issues up to a year to become pregnant
 - Give it some time
- See your doctor if
 - You have been having unprotected intercourse for a year without becoming pregnant
 - You have had more than two miscarriages in a row (often you will be checking in with your doctor anyway if a miscarriage takes place)
- If you are over age 35, are not having regular periods every 21-35 days, or have other factors that make you worry about infertility, see your doctor sooner
 - After 6 months of trying without success to achieve pregnancy

Women's Health Symposium





What can I expect if I need a workup for infertility?

- Questions about your medical history, general health and that of your partner
- Your doctor may suggest testing to evaluate
 - Your partner's semen and sperm
 - Whether your fallopian tubes are open
 - Your uterine cavity
 - Your hormone levels and ovulatory function



Women's Health 9/mposium

goal!

At the end of the day...

- The goal is a healthy you and a healthy baby
- Your doctor is here to help you achieve this
- As soon as you have a positive pregnancy test, call your doctor to ask when your first appointment

Women's Health Symposium LHA





