

GENESIS WOMEN'S CENTER, PC

Patient Name: _____ **D.O.B.:** _____

Chart # _____

QUAD SCREEN

WHAT IS THE QUAD SCREEN?

The Quad Screen is a blood screening test that measures three substances in a pregnant woman's blood for alpha-fetoprotein [AFP]; human chorionic gonadotropin [hCG] unconjugated estriol [uE3]; dimeric inhibin A [DIA] . These substances are produced by a developing fetus during pregnancy.

What is a screening test?

The Quad Screen is a screening test. It helps to identify women who are at increased risk for carrying a fetus with certain problems. For women identified as being higher risk, an amniocentesis can often give a more definitive yes or no answer. A positive test does not necessarily mean that the fetus has any problems.

What conditions can be detected by the Quad Screen?

- The Quad Screen does not detect all fetal abnormalities
- Down's syndrome known risk factors includes advanced maternal age [35 or older] or a family history of Down's syndrome. Because the risk of having a baby with Down's syndrome increases as a woman gets older, amniocentesis or chorionic villus cells sampling is usually offered to any woman over 35 years of age.
- Open Neural Tube Defects are the abnormalities in the development of the spinal cord of brain. The cause of Open Neural Tube Defect is not known. Anencephaly and Spina Bifida are the two major types of Open Neural Tube Defects.

When should the test be performed?

The blood test should be drawn sometime between the 15th and 22 6/7th week of pregnancy.

What happens if the test is abnormal?

If the results are abnormal, then other confirmatory tests are required before it can be determined whether the unborn baby has any of the conditions discussed. These additional tests could include repeat blood tests, ultrasound studies, amniocentesis with chromosomal analysis.

How accurate is the Quad Screen?

- This can detect about 80% all pregnancies with open tube defects.
- The Quad Screen can detect about 79% of all pregnancies affected with Down's syndrome.

I have read and understand the above. _____ (initial)

I do not choose to be tested [NO] _____
Signature Date

I do choose to be tested [Yes] _____
Signature Date