



مستشفى ميلينيوم

**MILLENNIUM
HOSPITAL**

متخصصون في رعاية المرأة والطفل
SPECIALIZED IN
WOMEN & CHILD CARE

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+971 26 11 33 33



Down syndrome



What is Down syndrome?

A medical term for having an extra copy of a chromosome is 'trisomy.' Down syndrome is also referred to as Trisomy 21. This extra copy changes how the baby's body and brain develop, which can cause both mental and physical challenges for the baby.



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What is this Screening Test Means?

Screening tests can provide information about the chance that a baby may have Down's syndrome. The tests use blood samples taken from the mother and measurements taken from ultrasound scans to work out this chance.

When it will be offered:

It is offered from 11 to 14 weeks gestational age . Is there any screening at late stage if miss this periods.

YES is called quad or quadruple test: If it has not been possible to have the combined test in early pregnancy you will be offered a blood test between 14 weeks + 2 days to 20 weeks of pregnancy. The quad or quadruple test looks at different substances to those measured in early pregnancy. Like the combined test, a computer program uses the results and the mother's details to work out a chance figure.

How my test is reported

It is reported as Higher and lower chance results. If the screening test shows that the chance of the baby having Down's syndrome is between 1 in 2 and 1 in 250 this is called a higher chance result. If the screening test shows that the chance of having a baby with Down's syndrome is above 1 in 250, this is a lower chance result.

A lower chance result does not mean there is no chance at all of the baby having Down's syndrome. If indicated doctor will advise you for diagnostic test (amniocentesis or chorionic villus sampling) which can mostly tell you if your baby has Down's syndrome or not .

How long it takes to get the reports ?

It takes usually 10-14 working days.

Can you tell me more about diagnostic tests

Prenatal diagnostic tests: A diagnostic test will tell you whether your baby does or does not have Down's syndrome. If you are given a higher chance result from a screening test your midwife or doctor can give you information about diagnostic testing if you want this. It is your choice whether or not to take a diagnostic test.

There are two types of diagnostic prenatal test: Chorionic Villus Sampling (CVS) is an invasive test. It can be performed from weeks 10 to 22 of pregnancy although it is usually performed between weeks 11 and 13. The chance of having a miscarriage after CVS is about 1 to 2%. In other words, about one or two in every 100 women who have CVS will miscarry.

Amniocentesis is an invasive test. It is usually carried out from week 15 of pregnancy. The chance of having a miscarriage after an amniocentesis is about one in 100. These figures vary slightly from hospital to hospital

Is it mandatory to do the test

It is your choice to decide what to do screening test for Down's syndrome. we offer test for all mothers and also recommend this test for women more than 35 years ,any personal or family history of having babies with downs syndrome. If the test finds that your baby has Down's syndrome this knowledge may inform the management of your pregnancy and your birth plan in a helpful way.