

OBSTETRIC IMAGING

BABY SCANS



12-weeks baby with a normal nuchal translucency

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Appointments
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CHROMOSOMAL ABNORMALITIES

All women whatever their age, have a small risk of delivering a baby with a physical and/or mental handicap. In some cases, the handicap is due to a chromosomal abnormality (Downs or Edwards syndrome). Each woman is given the individual risk for **her** pregnancy, she will receive full counselling concerning the significance of these risks and the various options for further testing. ***This result is approximately 4 week earlier than the tests available on the NHS.***

Maternal Age	Risk of Downs @ 12 weeks	Risk of Downs @ birth
20	1 in 1070	1 in 1530
25	1 in 950	1 in 1350
30	1 in 630	1 in 900
32	1 in 460	1 in 660
34	1 in 310	1 in 450
35	1 in 250	1 in 360
36	1 in 200	1 in 280
38	1 in 120	1 in 170
40	1 in 70	1 in 100
42	1 in 40	1 in 55
44	1 in 20	1 in 30

The nuchal (NT) scan: is the single most accurate way of estimating the risk of the fetus having Downs syndrome. It is carried out between 11-13 weeks, and measures and the amount of fluid behind the neck of the fetus. ***Over all detection rate is 70%.*** It is recommended that you do not have the NT scan alone but combine it with a blood test to make the result more accurate.

Mr Hall also looks for the presence of the **Nasal Bone**. This adds further to the accurate of the test

Combined test: combines the NT scan with the level of hormones in the mother's blood all done at **11-13 weeks** (the blood can be done at the same time as the scan). ***Over all detection rate is 86%*** (3% of women are advised to have an amniocentesis).

Integrated test: the most accurate way of estimating the risk of Downs syndrome. It combines the NT scan and the hormones levels at the time of the scan and adds an additional blood tests at 16 weeks, (this means you do not get a result until 16 weeks of pregnancy). ***Over all detection rate 94%*** (3% of women are advised to have an amniocentesis).

Irrespective of whether or not you decide to have an invasive test once you have the screening test result, you should have a scan at 20 weeks to check for other structural abnormalities.

Addition information from the Nasal Bone increases the accuracy of the above tests by 1-2%

Please remember the vast majority of babies are normal.

FOR RESULT ON THE DAY

When you book your appointment Joelle can arrange for your blood to be taken a week before the nuchal scan (either by your GP or at the Regency Hospital), and your complete results will be available on the day of the scan day.

Or you may choose to have the blood take by Mr Hall at the time of you scan and Mr Hall will telephone you within 3 days with the complete result and discuss the implications with you.

ADVANTAGES OF A NUCHAL SCAN

As well as chance for you to see your baby and have some pictures there are a number of other benefits:

Date the pregnancy accurately

This is particularly important for women who do not know the date of their last period or who have an irregular cycle. We measure the size of the fetus and from this calculate the expected date of delivery.

Diagnose multiple pregnancy

Approximately 2% of natural conceptions and 10% of assisted conceptions result in multiple pregnancy. Scanning can determine if both babies are developing normally and if the babies are identical twins.

Diagnose certain major fetal abnormalities

Some major abnormalities are visible at this scan, these include – absent skull/brain, some structural brain problems, some abdominal wall defects, some bladder/kidney defects. (A 20-week anomaly scan is still essential).

Diagnose early pregnancy failure

About 3% of women who attend for a nuchal scan find that the fetus has died.

OTHER SCANS AVAILABLE

Viability Scan (from 6 weeks of pregnancy)

This is a scan that is carried out by abdominal or vaginal scan. It will determine the number of babies present and whether the pregnancy is growing normally inside the uterus. This scan is useful for women who are experiencing pain or bleeding in the pregnancy and those who have had previous miscarriages or ectopic pregnancies.

Sexing Scan (16 weeks onwards)

To determine the sex of your baby.

Anomaly Scan (19-24 weeks)

This is a detailed scan during which the whole baby is examined in detail. Special attention is paid to the brain, face, spine, heart, stomach, bowels, kidneys, bladder and limbs.

Growth / Well Being Scan and Presentation Scan

(26 weeks onwards)

This scan is to determine the on going health of the baby and what position it is lying in by:

- measurement of the growth of baby
- estimation of fetal weight
- examination of the movements of the fetus
- measurement of the amount of amniotic fluid
- assessment of blood flow to the placenta

Cervical Length – risk of Premature delivery

(22-24 weeks)

There is a relationship between the length of the cervix and the risk of premature delivery. In normal pregnancy if the cervical length is less than 15 mm at 22 weeks of pregnancy then these women make up 90% of those who deliver by 28 weeks, and 60% of those women who delivering by 32 weeks. A suture into the cervix may reduce the number of premature deliveries

PRIVATE OBSTETRIC APPOINTMENTS

Antenatal / Preconception Advice.

Individual appointments can be arranged to discuss your concerns and plan for a future pregnancy or about an ongoing pregnancy issue. (£250)

Private Amniocentesis.

From 15 weeks onwards you will receive, full counselling, results for Downs / Edwards / Patau's syndrome are usually back in 3 days. The gender of child back in 12 days. (£600)

Please book all scans through
Mrs Joelle Blood
Tel: **017920 866 887**
Fax: **01625 661496**

Please bring your **cheque book** to pay at the time of the scan

- Dating/Viability scan **£80**
- Nuchal scan **£100**
- **Nuchal scan & combined bloods** **£180**
- **Nuchal scan & integrated bloods** **£250**
- Nuchal scan for twins **£180**
- Fetal anomaly scan **£240**
- Fetal sexing scan **£80**
- Fetal well being scan **£100**
- Cervical length **£100**
- **Presentation Scan** **£80**