

WELCOME TO ASCOT RADIOLOGY

ULTRASOUND helps to improve the quality of antenatal care by assessing the time to delivery, detecting many fetal abnormalities and assessing for possible complications.

You may have had an ultrasound scan earlier in your pregnancy. At 18–20 weeks gestation however, a more thorough assessment of your baby can be carried out via ultrasound.

The scan will take half an hour and there is no preparation required for this procedure.

ASCOT RADIOLOGY

DURING THE SCAN THE RADIOLOGIST AND/OR SONOGRAPHER WILL:

- Take measurements from the scan to check dates and growth.
- Check the position of the placenta.
- Make a thorough examination of the anatomy including:

THE SPINE: Ultrasound is the best diagnostic test for detecting spina bifida.

THE HEART: At 18 weeks the heart is very small and complex. Despite our best efforts, only around 50% of heart defects can be detected with ultrasound.

THE MAJOR ORGANS: The presence, appearance and position of all the major organs will be assessed.

THE LIMBS: All four limbs will be fully assessed.

THE FACE: The face will be checked for abnormalities such as cleft lip.

THE HEAD AND BRAIN: Brain structures and development will be assessed.

CHROMOSOMAL DISORDERS: The most common chromosomal disorder is Down's Syndrome. This is very difficult to check at 18 weeks and it is better to have the screening test done at 12 weeks. This is called a **nuchal translucency scan**.

DUE TO THE COMPLEX NATURE OF THIS ULTRASOUND EXAMINATION, the sonographer needs a very high level of concentration to obtain the best possible scans of your baby. We therefore request that you limit the number of family members and friends you have with you in the examination room to two. Other family members or friends can be invited into the examination room alternately if they wish.

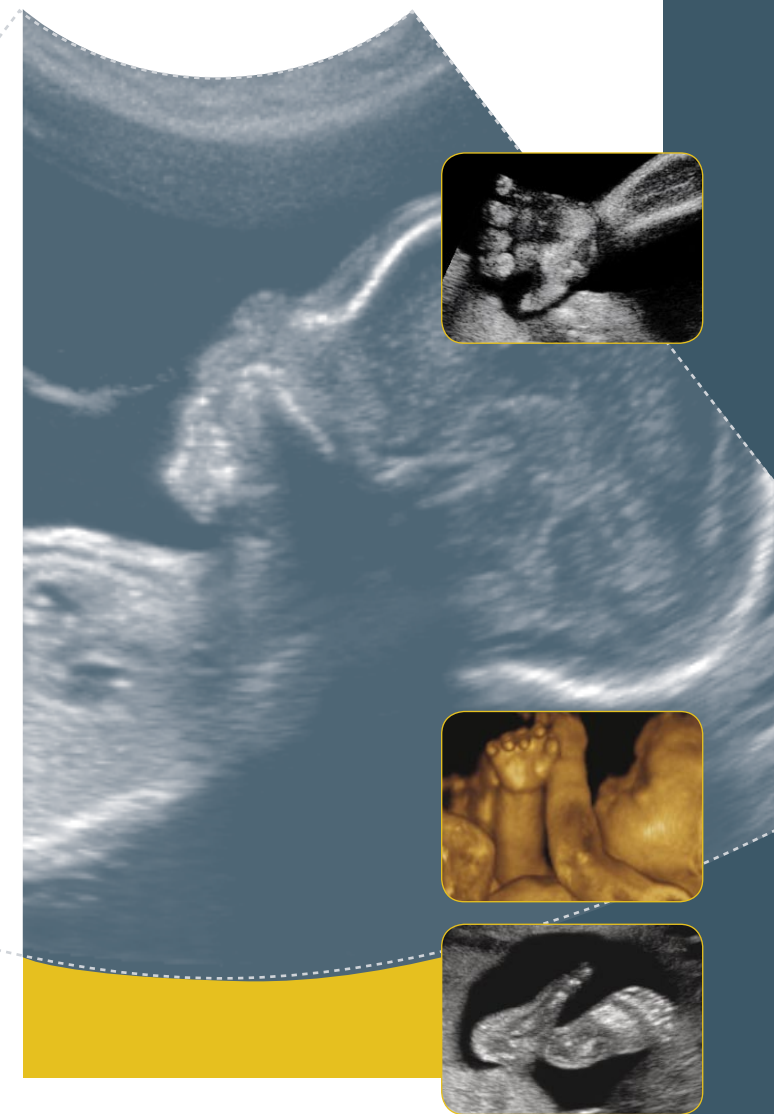
During the scan, the sonographer will routinely record a number of images onto a CD which will be given to you. For an additional charge, you may want to record part of the scan onto video or DVD. You may also want a particular image from the scan printed onto high quality A4 paper or even a 4D picture. 4D scanning is the latest ultrasound technology available and can be used to produce a more realistic image of your baby. We offer a 4D package and this needs to be pre-booked.

The quality of the images taken at the time of the scan are dependant on a number of factors. These include the position of the baby, maternal size and the amount of amniotic fluid present around the baby. Due to these factors, it is sometimes very difficult to obtain one really clear image to print onto paper at the time of your scan. However, we will try our best and only charge you for a paper print if we get an adequate picture.

YOUR LMC, MIDWIFE OR SPECIALIST will receive a radiologists report of your scan the following day. In the case of urgent appointments on the day of your scan, a report can be typed while you wait. This takes approximately 30 minutes.



The 18 – 20 week ANATOMY SCAN



OBSTETRIC ULTRASOUND SERVICES WE OFFER:

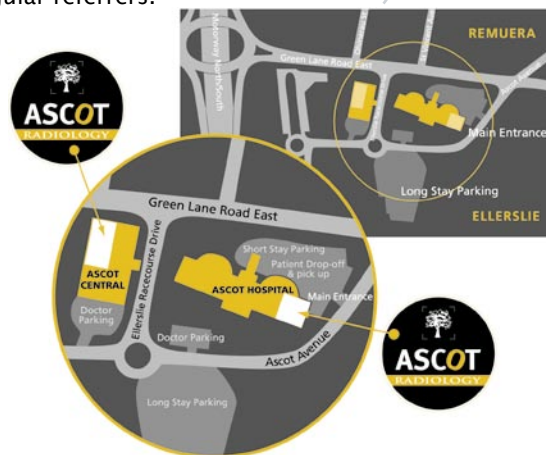
- **Routine scans:** includes the nuchal & 18 week anatomy scans and a CD of images.
- DVD/video of scan.
- Printed image (18 x 24 cms).
- **2D package:** includes scan, DVD/video and a printed image.
- **4D package:** as above and including at least a 5 minute 4D recording and a 3D printed image.

Please make your requirements known at the time of booking, or advise the sonographer of your requirements **prior** to performing the scan so they can be accommodated. You will be given a check sheet to fill in when you arrive for your scan.

FOR A CURRENT PRICE LIST and additional information on nuchal and 4D scans, please refer to our website.

TO MAKE AN APPOINTMENT please call Ascot Radiology on **0800 ULTRASOUND (0800 858 727)** or **09 520 9550** between **9.00am and 5pm Monday to Friday.**

Please note: We give urgent services to our more regular referrers.



ASCOT RADIOLOGY LIMITED

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OUR ULTRASOUND DEPARTMENT specialises in obstetric scanning, combining highly trained staff with state of the art equipment, including 4D scanning.

We would like you to enjoy your time with us. The radiologist and/or sonographer who performs your scan will be happy to help answer any queries you may have.



4D SCAN OF FACE AT 30 WEEKS



PROFILE OF FACE - 21 WEEKS



THREE VESSEL UMBILICAL CORD