

**Background to the team who work at 3D Baby Scans.co.uk**

**Dr Martin Cameron MRCOG**

Martin grew up in Norfolk & studied medicine at the University of Dundee, graduating in 1994. He is a Consultant in Fetal Medicine at the Norfolk and Norwich University Hospital.

He has the RCR/RCOG diploma in Obstetric ultrasound, and is a member of the Royal College of Obstetricians and Gynaecologists, British Maternal Fetal Medicine Society & the International Society Ultrasound in Obstetrics & Gynaecology.

He has used 3D/4D ultrasound in NHS practice since 2005, particularly with families who have a baby with a cleft lip.

Martin was awarded the EDP sponsored NNUH Patient Choice award in 2010 & led a team who were maternity finalists for a National Patient Safety Award.

See his NNUH profile at [www.nnuh.nhs.uk/Person.asp?id=419](http://www.nnuh.nhs.uk/Person.asp?id=419)

**Mrs Lizzie Hammond**

Lizzie is point of contact for enquiries about our services & is here to assist you. She works at the NNUH as Martin's secretary. She is the winner of a national award from the British Society of Medical Secretaries & Administrators as Medical Secretary of the Year 2009.

## How to make an appointment

Appointments can be made by:  
Telephone: 07796 522 222.

Please leave a voice message with a return contact number and we will endeavour to return your call.

Or email us

[enquiry@3dbabyscans.co.uk](mailto:enquiry@3dbabyscans.co.uk)

Main scan session is 1.30pm to 5.30pm on Mondays.  
Other times (Mon- Fri) may be available at request.

Please arrive 10 minutes prior to your appointment so you benefit from the full duration of the appointment.

We can accommodate relatives, 3 comfortably (maximum of 5).

**How to Find Us**

Scans are conducted at the Norfolk and Norwich University Hospital.

We are located at the Antenatal Clinic, which can be found on level 3, West Wing of the NNUH

Useful maps/travel information can be found at the main hospital website:

<http://www.nnuh.nhs.uk/page.asp?id=63>

# 3dbaby scans.co.uk



**3D & 4D  
Pregnancy  
Bonding  
UltrasoundScans  
in Norwich**

**Dr Martin Cameron  
Fetal Medicine Consultant**

"3D Baby Scans.co.uk" provides a private baby ultrasound scanning service specialising in three and four dimension bonding scans for pregnant women of East Anglia

We aim to provide a wonderful experience for you and your family giving you a window into the behaviour and features of your unborn baby.

### **What is 3D & 4D Ultrasound?**

Three dimensional (3D) ultrasound begins as a 2D scan (like your 20 week anomaly scan), and then switches into a 3D view. This can result in views of the baby which look much more like a baby than the 2D scans performed in the NHS. If views are very good these can result in pictures that look like a photograph. 3D scans are static.

The fourth dimension in 4D scans is "time" - the computer in the ultrasound machine builds up a moving 3D image. 4D ultrasound allows fetal behaviour such as sucking thumb, opening mouth, and moving to be seen in a 3D view. Many families find these "bonding" scans a very worthwhile experience in being able to "see" their baby.

### **When may views be poor?**

Sometimes views will be poor during the bonding scan. Reasons for this can be divided into:

1. Factors that cannot be changed including if the placenta is in front of the baby, or if the mother's body mass index (BMI) is increased.

2. Factors that may change during the scan such as which way the baby is facing and whether limbs or cord are in front of the face.

### **When is the best time for a 4D ultrasound scan?**

Providing the pregnancy is not twins we recommend performing the scan between 24-29 weeks, with 26 weeks seeming to be the optimal time. At this stage of pregnancy, there is an ideal balance between the amount of fluid around the baby, the size of the baby, and the chance that there will be enough room so that we can see the baby's face.

Scans can be done after 29 weeks but as gestational age increases there is less space for the baby & pictures become poorer quality. We do not recommend attempting 3D/4D scanning after 32 weeks.

For twins views will always be more limited because one twin may get in the way of the other. We recommend that if you have twins and would like a bonding scan it is performed between 24-26 weeks.

### **Why choose us?**

1. A doctor who specialises in pregnancy ultrasound performs your scan.

2. We use a "state of the art" GE Voluson E8 ultrasound machine linked to an overhead-dedicated patient TV monitor so that you can see the scan.

3. Although the bonding scan is not designed to detect any abnormalities we will always tell you straight away if a problem is seen & will liaise with your NHS maternity care provider. As Martin works in the Fetal Medicine Unit at the NNUH he has established links with all the NHS hospitals in Norfolk, and has contacts in Suffolk and Cambridgeshire NHS Hospitals

4. We DO NOT have any links with private ultrasound businesses offering scans without the back up of a hospital setting

5. As well as giving you a typed report we will add a copy of the growth report into your hospital records (for patients booked at NNUH) and post a copy of your report to your general practitioner.

(Complete package only)

## **Our Packages**

We provide two scan packages:

### **Essential Package - 2D/4D scan**

20-minute appointment -  
expectation of 10 minutes of scan time to show you baby in 2D & 4D.  
Fetal sexing - if requested  
Minimum 5 thermal black & white printed images in mounts.  
Price: £95

(Upgrade available: £25 with CD of still images)

### **Complete Package - 2D/4D scan**

40-minute appointment -  
expectation of 20-25 minutes of scanning  
DVD of whole of 3D/4D scan recorded onto RW+DVD  
CD of 2D and 3D still images  
Thermal black & white prints of 2D & 3D images in mounts  
Fetal sexing - if requested  
2D growth scan - includes fetal weight & amniotic fluid volume & placental function assessment by umbilical artery doppler  
Printed report - one copy for you own hand held maternity records and copy sent to your GP by post.  
Price: £200

CD or DVD produced is NOT copyright protected - you are free to make further copies at home. A free rescan will be offered with the complete package (not with budget package) if views limited because of changeable factors.