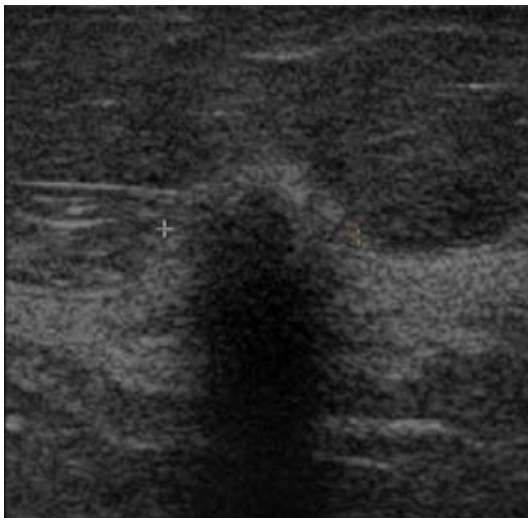


Frenchay Breast Ultrasound Course for Non Radiologists

The Breast Care Centre, Frenchay Hospital, Bristol BS16 1LE 0117 9753752

Sponsored by Toshiba and Johnson & Johnson

This two day course is aimed primarily at breast surgeons and clinicians, consultants, SAS doctors, trainees or others. You may have never picked up an ultrasound probe before, but recognised the value of using it in the clinic or theatre. Or you may be experienced in using it, but want to know a bit more about the *other* knobs and buttons, or you may want some official accreditation of your skills. The course is run twice a year and the Twelfth course is now being planned for March 18th and 19th 2010. We aim to have some 15-20 participants on each one, a small enough number to allow the hands on experience on the workstations.



The use of ultrasound cannot be taught in two days. Most of your learning will take place in your own workplace. Therefore a requirement for the course would be for you to have the use of a suitable machine in your clinic, and a radiologist or experienced surgeon, who will oversee you whilst you make a reflective diary of 100 cases illustrating the use of ultrasound. The course will be completed with an assessment, after completion of the diary.

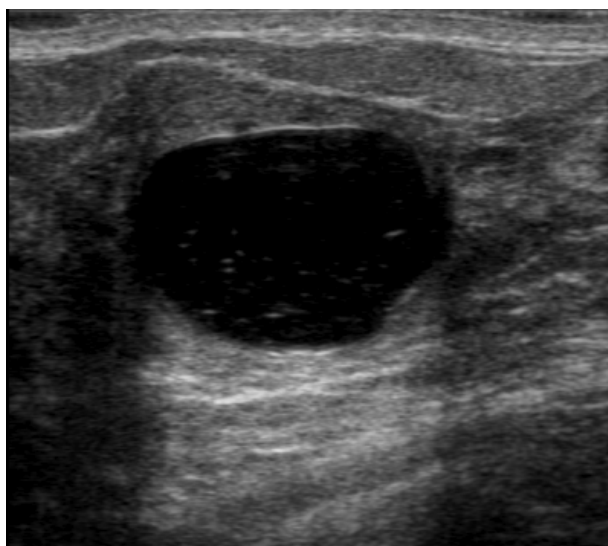
The course takes place over two days, a Thursday and Friday. There are lectures in the mornings and practical work in the afternoons.

The theoretical subjects include: the physics of the production of ultrasound images (very important, very useful, not too much and we promise to make it interesting!); the roles of ultrasound; what the various knobs and buttons do; techniques; ultrasound guided core biopsy; benign v. malignant characteristics; learning the language and reporting scans so that we can discuss images in the same way as our radiological colleagues.

The course fee is £300 which includes lunches and also a complimentary copy of our book "Interventional Ultrasound of the Breast" which is normally £50 and contains some of the course material. Other course material will be supplied on a CD.

There are lots of workstations to rotate around on the first afternoon: some patient volunteers with cysts or cancers; a breast phantom so that you can see the effect of the controls; two stations to practice US guided core biopsy on turkey breast; another for US aspiration of cysts and another for you to try US guided mammotome excisions.

On the second afternoon we will demonstrate live mammotome excisions on patients - usually a fibroadenoma and a duct excision. This is done by an audio-visual link of both video and the ultrasound screen.



Assessment

The first part of this is to create a reflective diary/logbook of 100 cases you have assessed with ultrasound. A template will be provided, and the idea is to complete it in conjunction with a mentor, who doesn't necessarily have to see each scan. There is also space to make some reflective notes on how the case has extended your knowledge. We don't put any time limit on this stage, you are all working clinicians, not students, but six months to a year ought to be enough. When this is completed, you will send it to us to assess, and we will invite you back at a convenient time for the OSCE (Objective Structured Clinical Examination, or Viva to the old fashioned amongst

us). This will comprise of some questions about machine settings, reporting some images and you demonstrating an ultrasound guided core biopsy on a turkey breast. You will then get a certificate of competence in breast ultrasound.

The Faculty

Mr Simon Cawthorn, Breast Surgeon Frenchay
Dr Mike Shere, Breast Clinician, Frenchay
Ms Sasi Govinderajulu, Breast Surgeon, Frenchay
Mr Ajay Sahu Breast Surgeon, Frenchay
Prof. Phil Drew, Breast Surgeon, Truro, Cornwall
Mr Allan Corder, Breast Surgeon, Hereford
Dr Mike Halliwell, Medical Physicist, Bristol

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