

Mammotome Vacuum Assisted Biopsy System

The new mammotome breast biopsy system is a minimally invasive diagnostic technique for the definitive diagnosis of breast cancer. The main advantages are:

- The patient is left with only a small incision and no scarring and the procedure can be performed under local anaesthesia as an out-patient case.
- The ability to remove benign lesions under ultrasound control and local anaesthesia within one hour enables the patient to return home the same morning or afternoon, without the inconvenience of general anaesthetic or in-patient stay.
- Ability to place a micromark clip to mark the biopsy site/for follow up mammograms and/or as a guide for wire localisation.
- Patient reassured by the accuracy of the procedure as up to eight times more tissue is removed as compared with core needle biopsy.
- Continuous tissue acquisition, sequential analysis of the obtained specimens could provide confident cancer margin evaluation.
- Ability to biopsy troublesome lesions, such as those close to the chest wall or close to the skin.
- A low complication rate means the patient suffers little discomfort and can assume normal activities soon afterwards.

Breast Assessment Unit

Full-field Digital Mammography

Key Benefits:

- The ability to obtain superior quality mammograms with higher dynamic range and contrast resolution than previously available.
- Potential to lower the dose of ionising radiation to the breast.
- Especially suitable for examining dense breast tissue, typically found in a younger women.
- The use of higher resolution display monitors enables manipulation, magnification and other visual detection techniques.
- The images are recorded so rapidly that digital mammography eliminates the artefacts that are created during conventional mammography by patient movement.
- Rapid display and superior image quality leads to the reduced need for repeated examinations.
- Electronic archiving allows rapid storage and recovery of previous examinations for review avoiding the frustration and potential dangers of lost films.
- Teleradiology - the ability to send images to other specialists over the network without loss of quality.

For Appointments Tel: 020 7908 2003/4

HCA

Department of Radiology
The Princess Grace Hospital

