




localisation of non-palpable breast tumours workshop

Thursday September 24th 2020

Friday September 25th 2020 (Operative day)

Norfolk and Norwich University Hospital, Norwich

Course organiser: Maged Hussien, consultant breast surgeon



The Norfolk and Norwich University hospital has been practicing Radioactive Occult Lesion Localisation (ROLL) since 2006. There are over 1000 patients been served, with also identification of sentinel lymph node. The lesion is injected on the day of surgery or the previous day with the radioactive isotope under ultrasound guidance. There is another injection in the peri-areolar region for sentinel lymph node identification. The lesion and sentinel lymph node are easily found with the guidance of the Gamma probe during surgery. The procedure is very successful with very low re-operation rates. In addition, this technique is cheap and easy to set up. It is an alternative to localisation with wire. We have also introduced the Hologic LOCALizer. This has the advantage of localisation long before the surgery which allows better planning of the clinics and theatre lists.

This two days workshop will provide multiple presentations and videos showing various techniques, how to set the service and hands-on demonstration of the required equipment's. The second day will provide live demonstration of surgery in theatre for surgeons. Other candidates can visit relevant departments to observe the details of the techniques.

Surgeons; theatre staff, pathologists; radiologists and radiographers and nuclear medicine physicists are all expected to benefit from this course. We recommend that the whole team from one trust to attend to facilitate setting up the service

Program: Day 1

- **Nuclear medicine: 9:00 – 9:50**

Setting up and introducing the service:
ARSAC application, Cost implications, Safety, Biophysics

Delays in starting AM list and how to overcome:
Localisation the day before and its safety, Preparation of radioisotope in the pharmacy

- **Radiology input: 10:00-10:50**

Experience and radiology technique:
Advantages, Preparation, Cost and consumables, Safety
Video of procedure
Hologic LOCALizer

- **Coffee Break (10:50 – 11:30)**

- **Surgical experience: 11:30 - 12:30**

Comparison between different localisation techniques
(Wires, ROLL, SNOLL, Iodine seed , Magseed and Hologic LOCALizer)
Surgical technique: SLN identification, Handling specimen in theatre .
Hologic LOCALizer
Magseed) localisation
Results from NNUH
Video of the surgical technique

- LUNCH BREAK 12:45 – 13:45

- **Pathology input: 14:00 – 14:50**

Managing radiation in pathology department
Comparison between processing the specimen in wire v ROLL , Magseed /Hologic LOCALizer and Iodine seed

- **Combined lecture: How to manage difficult situations: 15:00 – 15:50**

Diffuse localisation and how to overcome / use of intraoperative ultrasound
Missed cancer and MDM approach to the problem
Examples of missed cancers and analysis / learning points
Learning curve

- **Coffee Break (16:00 – 16:30)**

- **Summary and close: 16:30 – 17:30**

Program: Day 2

- Surgeons:

To attend live surgery. 3 theatres with 3 operating consultants will be available . Each candidate will observe at least two procedures

- Radiologists:

Can visit radiology department and observe the localisation procedures with radiologists

- Pathologists:

Visit to pathology laboratory to observe dealing with the specimens and laboratory safety procedures

- Nuclear medicine scientists:

Visit to the nuclear medicine department



Information

Location

Breast Surgery Unit,
Norfolk and Norwich University
Hospital
Colney Lane
Norwich
NR4 7UZ

Registration

The fee is £300 payable in advance. The fee includes refreshments, lunch and delegates pack

Deadline for registration:
September first 2020

Accreditation

CPD points: 11 CPD for attending the 2 days approved by the Royal College of Surgeons of Edinburgh

Delegate numbers will be limited. Please book early.
Discount for tem bookings

To register and for further details contact: maged.hussien@nnuh.nhs.uk