

## MDT Secretary or Radiographer

Collate Patient file subject to MDT review

We could use the EUSOMA's QT audit database sqtm30 if possible import data into SQL 7 or 8

We need to investigate the paths to import Patient data from the hospital RIS system

Digitise Analogue Mammography, maximum 12 images

The Consultant Radiologist need to identify which Ultrasound images they require to ensure only relevant images are digitised

The Consultants may also request a number of patient notes be digitised for access via pacs

## The MDT Database and Image Server

The MDT database will maintain a record of the meeting including date, time, place, who was in attendance, patient details, radiology details, pathology details,

Digitised images are compressed in a lossless format by the ARTO Health software and stored into a local archive for diagnostic review or later retrieval

Images required for the MTD meeting may be compressed up to visually lossless level 4 and sent via an encrypted container to the local MDT server or a managed service off site.

**Central Meeting Room**  
All members of the MDT meeting are logged as in attendance

Prior to the MDT the Secretary or Radiography creates the Patient Image file in which the Analogue Mammography is Digitised as a Dicom Image from the weekly MDT list

Remote Locations join the meeting via the Web.  
Security is provided by SSL login and the meeting is encrypted using AES at 128 or 256 bit encryption

Remote Site 1

Remote Site 4

**Virtual MDT Meeting Room**  
Mammography Images including Ultrasound and Pathology can be viewed using the Nisai application sharing module, via a Dicom viewer or PACS. The electronic record of the meeting is created as an AVI file. Images captured on the video microscope are also recorded

Remote Site 2

Remote Site 3

**MDT Meeting Room Image Server**  
This may be a local server or a managed service  
Digitised Analogue or Digital Mammography images are uploaded prior to the meeting. This may include Ultrasound and Pathology.

The recording of the MDT Meeting can also be retained by the MDT secretary or uploaded to the secure server for future reference.