Integrated Ultrasound and Near-Infrared Diffuse Optical Imaging P robe

Project Description:

1 in 8 women are expected to develop breast car estimated 26,300 women are diagnosed with bre approximately 5,000 will die of it. While ultrasoun screening+diagnosis of breast cancer, it would be the characteristics of tumour formation, such as I

The team will come up with a probe design and primaging and near-infrared (NIR) diffuse optical in one probe means the two modalities are coregist can be meaningfully enhanced with the functional this project is on the hardware+software to run it, optimal algorithm for image combination.

While there is already a functional DOI probe crewelcome to use as a launching-point for further welcome to use a launching-point for further welcome to use as a launching-point for further welcome to use as a launching-point for further welcome to use a launching-point for further welcome to use a launching-point for further welcome to use a launching-point for f

Main deliverables: