

# TOHETI: Transforming Outcomes and Health Economics Through Imaging

A large scale programme of work funded by Guy's and St Thomas' Charity which aims to show how imaging technology can be used more proactively and effectively across a range of common patient pathways, supported by a range of innovative technology from Siemens Healthcare

**4 year project**  
coming to an end in 2018

**1** MR-guided High Intensity Focussed Ultrasound (HIFU) system

**1** PET-MR scanner  
one of very few in the UK

**12** Radiographers  
including 5 trained in recruiting and consenting patients to research

**11** Consultant Radiologists  
including 2 acting as Chief Investigators for research studies

**19** Emergency Nurse Practitioners  
trained in recruiting and consenting patients to research

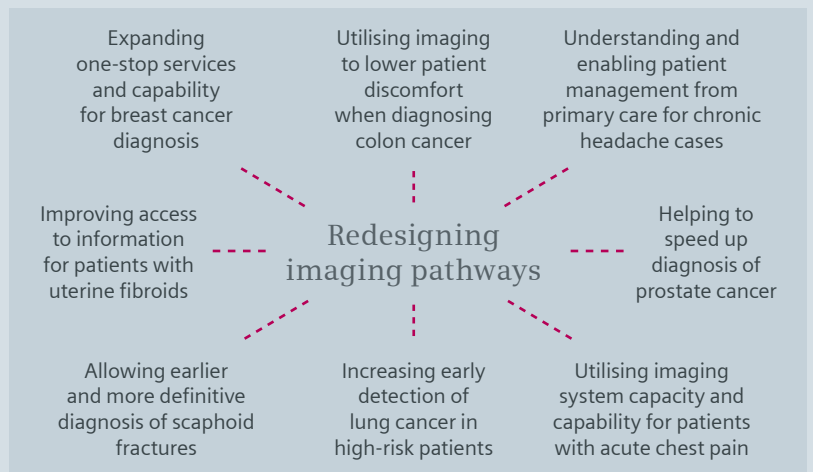
**2** 3T MRI scanners installed in 2016

**3** hospitals involved  
including Guy's, St Thomas' and King's College Hospital

**3** CT scanners installed in 2016

## Transforming ways of working

- Improving accessibility to imaging
- Enhancing diagnostic quality
- Keeping at the forefront of technology
- Streamlining diagnostic pathways
- Reducing diagnostic waiting times
- Lowering risks and discomfort to patients
- Creating opportunities for cost savings
- Informing patients of treatment options



Developing a vision for the future of imaging, with patient experience and outcomes at its core