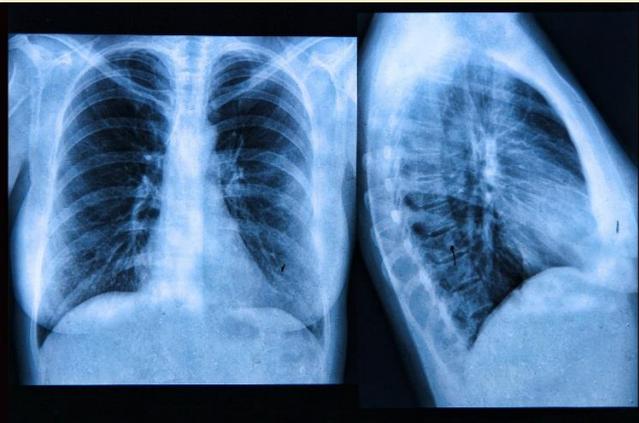


Contact toheti@kcl.ac.uk to be added to our mailing list. You can also find out more about TOHETI at www.toheti.org

 @TOHETI_Imaging

Transforming Outcomes and Health Economics through Imaging (TOHETI) is a four year Guy's and St Thomas' Charity funded programme, working with NHS partners across Lambeth and Southwark to develop a vision for the future of imaging, with patient experience and outcomes at its core. Delivery of the new TOHETI-funded CT and MRI scanners to Guy's and St Thomas' started in May 2016, increasing imaging capacity across the Trust and supporting the TOHETI research pathways of acute chest pain, colon and lung cancer, chronic headache and scaphoid fracture.

Lung study update



The lung health study is now progressing well. The study aims to understand and evaluate the uptake of low-dose chest Computerised Tomography by high risk symptom-free individuals (patients aged 55-80, who are current or former smokers (last 15 years)), when offered as part of a lung health clinic assessment.

Two successful recruitment waves have been carried out across four practices asking eligible patients, identified via a GP record search, to complete an initial lung screening questionnaire to assess their risk of developing lung cancer over the next five years.

In the last nine weeks the waves have recruited 66 patients to the study with three of these patients being referred onto the cancer pathway. The study expects to recruit a total of 387 patients over the next nine months.

TOHETI highly commended in the BMA Patient Information Awards 2017



The TOHETI team were delighted to be highly commended for their Fibroid resource, **'Could you have fibroids?'** at **BMA Patient Information Awards** on September 18th. The awards were attended by Yvonne Akande, project manager for the project, as well as consultant Gynaecologists Kumar Kunde and Yacoub Khalaf, who have worked closely with the team to collate these resources. These awards encourage excellence in the production and dissemination of accessible, well designed and clinically balanced patient information, and this award further builds on the great success already seen for these fibroid resources.

Communicating science through art

Dr Imogen Ptacek, TOHETI Clinical Research Fellow working on the MR guided HIFU project, spent a Saturday afternoon showcasing her work, titled for this event **'Ultrasound surgery: treating disease with the power of sound'** at the Thamesmead Festival in the Soapbox Art and Science element on 16th September.



This event brings 12 of the UK's leading women in science and invites them to showcase their science to the general public in exciting, innovative and engaging ways working in partnership with a local artist. For the event Imogen created a variety of handmade



props to help her successfully communicate the role of sound in the treatment of cancer. Imogen thoroughly enjoyed taking part in the event, despite the rain!

Care Redesign – TOHETI spreading its ways of working



Lessons learnt by the TOHETI programme are informing and helping progress key aspects of the Trusts new transformation programme called **Care Redesign**. This programme aims to develop existing care pathways and processes in order to make them maximally efficient to deliver demonstrably better outcomes for patients over and over again. The Programme Director for TOHETI, Jo Turville, and some of TOHETI’s wider team are working with the Medical Director of the Trust, Simon Steddon, in delivering this programme.

Cohort 1, which was made up of three teams from the Evelina children’s hospital, vascular services and breathlessness, have just completed the taught component of their journey on Care Redesign. Each team took part in four case study-based modules taught by Professor Richard Bohmer, a previous faculty member of Harvard Business School, as well as further individual group sessions working with a project template to develop a structured approach to pathway redesign. In addition, the programme encourages the teams to make use of various improvement techniques and methodologies provided by the **Fit for the Future** team and other Trust initiatives to enable them to achieve their goal. Successes from the programme are already being seen within Evelina, who commenced their new pathway initiative at the end of August. Cohort 2, comprising of five different teams have just started their taught modules.



International Health Conference 2017

The Oxford-based **International Health Conference** seeks to bring together researchers who aim to promote health and wellbeing through improved health services in Europe and around the world. This year’s conference, themed *person-centred care*, aimed to highlight the link between research and practice. Dr Maria Kordowicz, evaluator of the TOHETI programme, presented at the event and discussed the role of research in service delivery, as well as highlighting some of the implications for practice around conducting research in an inter-disciplinary programme such as TOHETI.



Siemens update

To date three Rapid Improvement Events have been held within the **Clinical Imaging and Medical Physics** division (CLIMP) with support from **Siemens Radiology Performance Management**.

FFF – Transformation Programme Update  

In partnership with Siemens Radiology Performance Management Service the Directorate is delivering 10 RIEs across 17-18. Following the VSA refresh in August future RIEs are identified:

- October 2017 – Nuclear Med & Cancer Performance/Pathways – now in scoping phase to determine objectives
- December 2017 – Interventional Radiology – 2 parallel RIEs that will focus on Scheduling/pt-flow/activity/utilisation
- January 2018 – Reporting Follow Up RIE & Capacity/Demand/Activity in CT
- March 2018 – eGFR & Admin/Support Workforce Review

A key output from the programme will be building capacity within the team to deliver continuous service improvement.




The first week long event occurred in April and focused on streamlining the processes for the management of patient referrals, scheduling and vetting and identified that many of the steps in the pathway were of no value to the patient. Two further events were carried out in July with one focusing on the reporting process, and the other improving the information flow across the division.

Looking ahead a further seven events have been scheduled across the division, identified as key areas with opportunity to derive benefit.