

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' took place over May and June, increasing imaging capacity across the Trust and aiding research across the TOHETI pathways of acute chest pain, colon and lung cancer, chronic headache and scaphoid fracture. Recruitment of patients to the headache, scaphoid and colon studies has commenced, and we look forward to reporting back on their progress.

HEADLINE NEWS! NEW CT AND MRI SCANNERS INSTALLED!



In line with the installation of the new CT and MRI scanners during May and June, three of TOHETI's major research studies – chronic headache, scaphoid fractures and colon cancer have now commenced recruitment of patients.

The involvement and linking up of staff across our Trust and two Hospital sites, from the Emergency Departments, to Radiology, to nursing staff, has made this a truly collaborative effort.

By bringing research that aims to transform services and ways of working into a clinical setting, the TOHETI programme aims to engage front-line staff in helping to realise benefit and to shape the future of their services.

Guy's and St Thomas' staff with the newly installed CT scanner

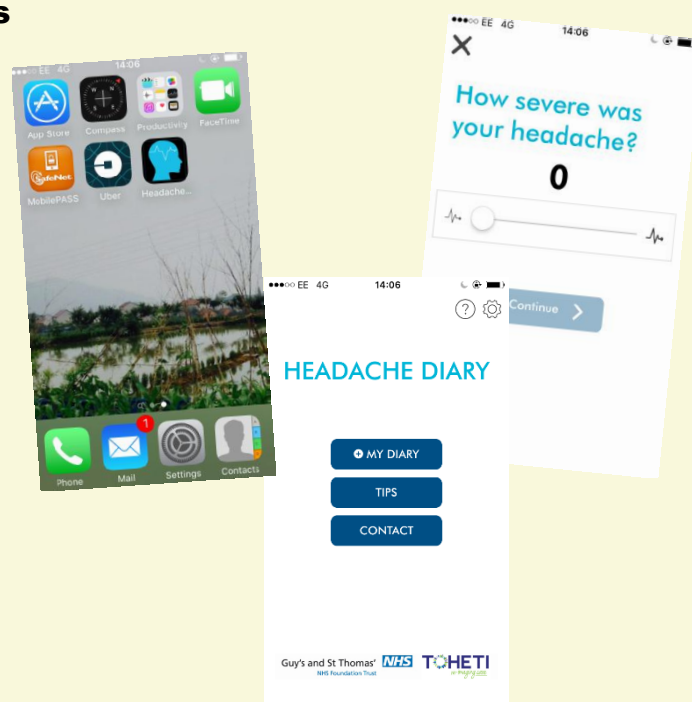
New TOHETI App to support research pathways

Filling in a symptoms diary over the length of a study can be an arduous task for study participants, and it is easy to forget to do during the course of a busy day!

We have worked with Newcastle based designers, Roots and Wings, to develop an app that allows patients quickly and conveniently to keep a note of their daily symptoms. The app also allows us to send daily or weekly reminders, and there has been a positive response to its use so far from patients recruited to our studies.

We are currently using the app with the headache research study, and are working with the developers to help us roll this out across other studies too, including the scaphoid study and the colon study.

We hope it will mean a better experience for patients, and better data for us!



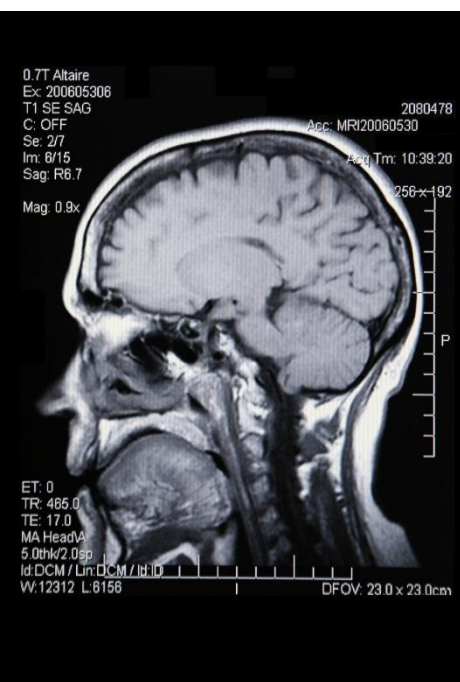
THREE TOHETI CLINICAL STUDIES NOW RECRUITING PATIENTS – A SHOWCASE

The Colon Cancer study

One of the research studies the new CT scanner will support focuses on diagnosis of colon cancer for symptomatic patients. **Nyree Griffin, Consultant Gastrointestinal Radiologist, and Chief Investigator for the study explains:**

"It is well established in the literature that CT colonography has an equivalent diagnostic accuracy to optical colonoscopy in the detection of medium sized polyps and cancers in the large bowel. At present it is an under-utilised resource in our Trust.

This study will offer improved access to CT colonography as a non-invasive first line test for patients with large bowel symptoms. The outcome of this study will then help facilitate discussions on a revised Colon Cancer pathway in our Trust, which should be more cost effective, with improved patient experience, and reduced waiting times."



The Chronic Headache study

Headache is one of the most common neurological problems presented to GPs and neurologists, affecting over 90% of the population at some point in their lifetime. GPs are able to refer patients directly for Magnetic Resonance Imaging (MRI), but at present, there is a mixed uptake of this service.

TOHETI aims to evaluate whether direct access from GPs to MRI for patients with chronic headache is cost-saving at 6 months after the initial episode at Secondary Care, compared to an initial referral from GPs to Neurology Services.

Asif Mazumder, Consultant Neuroradiologist and Principal Investigator for the study explains: *"These are exciting times for this project, and for our patients. Not only are we evaluating how our patients can best access the cutting edge 3T MRI scanners, but we have also developed a downloadable smartphone app to further assist our chronic headache patients in recording their headache diary electronically. Embracing technology in this real-world way will enable us to develop better treatment plans with patients, potentially across a range of chronic conditions."*

The Scaphoid study

Definitive diagnosis of scaphoid (wrist) fractures is challenging, and various clinical complications may arise from a misdiagnosed scaphoid fracture. The new MRI scanner is enabling research into the use of MRI as an additional imaging technique alongside X-ray, in order to allow earlier, definitive diagnosis.

Sam Gidwani, Consultant Orthopaedic Hand Surgeon and Chief Investigator for the study explains:

"This is a great opportunity to change the discourse around the most effective and accurate way of imaging patients with suspected scaphoid fractures, when they first attend A&E, and thereby significantly improve the quality of patient care."



SHARING AND SHOWCASING OUR WORK

British Nuclear Medicine Society Annual Congress 2016

Congratulations to TOHETI Clinical Research Fellow for PET-MR, Andrew Mallia, who was awarded best poster presentation for multimodality imaging at the BNMS Annual Congress 2016.

Andrew's poster was titled 'Artefacts and diagnostic pitfalls in PET/MRI' and shared insights from our research into new clinical applications for PET-MR.



King's Health Partners Safety Connections Conference 2016

The TOHETI team were pleased to represent our work with patients to improve information on uterine fibroids at the King's Health Partners Safety Connections Conference 2016.

The conference aims to promote patient safety and quality improvement, to help staff develop new skills and to share innovations that are already in place or under development.



Patient Safety Congress and Awards

Over 4 – 5 July 2016, Yvonne Akande, Senior Project Manager, TOHETI (pictured to the right) attended the HSJ and Nursing Times Patient Safety Congress Awards, where we displayed a [poster on our work](#) around improving patient information on uterine fibroids.

The Patient Safety Congress and Awards aims to transform the UK's approach to delivering high quality care. It champions patient safety as the organising principle of a healthcare ecosystem which is truly efficient, effective and able to offer the best experience to patients and carers. It was great to share ideas and contribute our learnings to this event!



4 - 5 JULY 2017 | MANCHESTER CENTRAL

PATIENT SAFETY CONGRESS & AWARDS



In other news... TOHETI Charity Abseil!

Members of the TOHETI team took part in a charity abseil down the new Cancer Centre at Guy's to raise money for this fantastic building.

The Centre will be the only place in Europe (and the second in the world!) where patients receiving radiotherapy treatment can receive their treatment above ground, in naturally lit spaces. The Centre will also be an international leader in cancer research, which will mean more breakthroughs leading to improved treatments for our patients.



INVOLVING PATIENTS AND LEARNING FROM THEIR EXPERIENCES

People and Communities Board

Six principles for engaging people and communities

We were delighted to be featured as a case study in *Six principles for engaging people and communities*, on our work with patients to design and deliver new information on uterine fibroids.

This document, developed by the People and Communities Board and patient-centred charity National Voices, is about creating person-centred, community-focussed approaches to health, wellbeing and care. It builds on the proposed new relationship with patients and communities set out in the NHS Five Year Forward View

[You can access the publication here.](#)



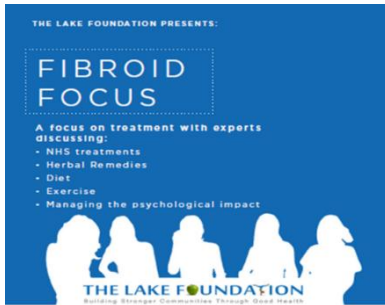
Six principles for
engaging people
and communities

Putting them into practice
June 2016



We are also pleased to continue to build our relationship with the Lake Foundation, which aims to improve the health and well-being of the African and African-Caribbean Community in the UK.

The Lake Foundation supported and presented at our recent support group for women with fibroids on 13 July, which is newly established in response to feedback from women around how we could help improve their experience when being treated for uterine fibroids.



We will be attending the Lake Foundation's Fibroid Focus event on Saturday 30 July in Croydon, where attendees will be able to find out more about fibroids and the different treatment options available.

We are looking forward to sharing the leaflet and video we produced earlier this year, with the help of other women who have been treated for fibroids.