

TEL NEWS

Welcome to TEL News



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TEL News is your monthly update keeping you up to speed with all that is Technology Enhanced Learning (TEL) in healthcare. TEL News includes information from Health Education England's (HEE) TEL Programme team, the e-Learning for Healthcare Programme, e-Learning and simulation Leads across the local offices and other updates we think you will find useful. We're keen to spread the news about TEL so would be grateful if you would share it throughout your own networks. If a colleague would like adding to the distribution list please ask them to email tel@hee.nhs.uk providing their contact details.

TEL Programme update



Learning Solution – Moving into beta development phase

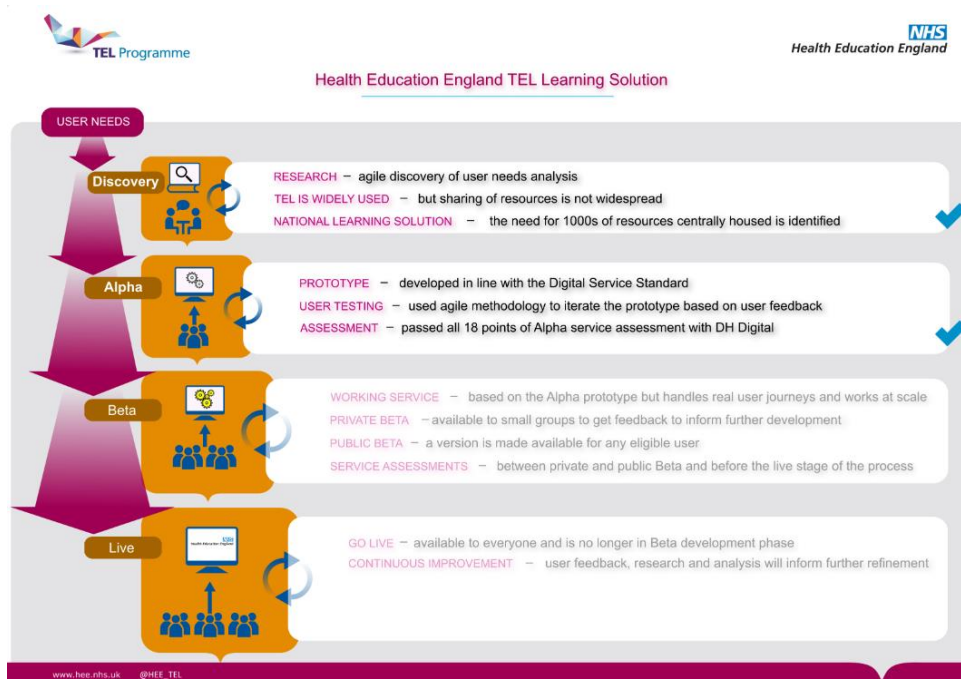
Approval has been granted by the Government Digital Service (GDS), part of the Cabinet Office, for Health Education England’s (HEE) Learning Solution project to move into the beta development phase. This is fantastic news and follows on from the project passing all aspects of the 18 point Digital Service Standard alpha assessment.

The report from the assessment, which provides feedback and recommendations for the beta phase, can be found on the Digital Health blog.

An example of feedback from the assessment:

“The team presented a clear and coherent vision for the service and the panel were particularly pleased to see the way the whole team worked together to answer questions, talk about user research and discuss the things they had learnt during alpha. It is clear a great amount of effort has gone into the alpha and preceding discovery phase and this will stand the team in good stead for private beta.”

The next step is to procure a supplier to support the beta phase of the project. The objective of the beta phase is to build a working version of the service based on the alpha prototype, which handles real user journeys and works at scale.



For more information about the Learning Solution project visit www.hee.nhs.uk/tel.

Taxonomies: Our superpower?



We possess a superpower in our pockets that we use every day without realising it.

That superpower is the taxonomy, an information technology that powers the apps on our phones, the websites we browse and supports the decisions we make. Without a taxonomy, we would struggle to find much of the information we take for granted when using search engines and websites.

We have developed a taxonomy to enable individuals to find, access and discover content across our digital systems and services, including the Learning Solution and e-Learning for Healthcare.

We are currently tendering for a taxonomy management product to help us realise this interconnected, taxonomy-driven landscape and are aiming to appoint a supplier before the end of March 2018.

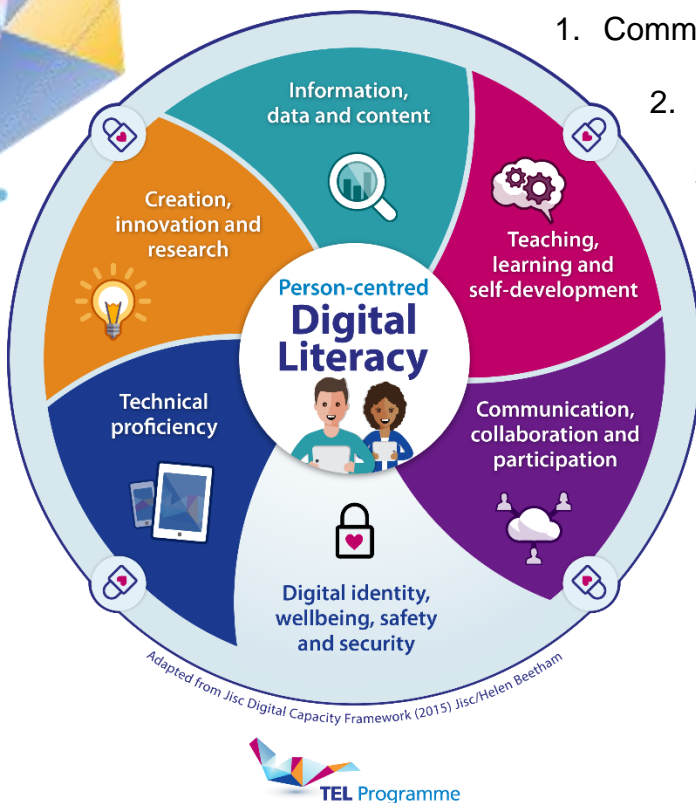
You can follow our journey on Twitter, following the hashtag: #TELTaxonomy on the @HEE_TEL handle.

Digital Literacy

The Technology Enhanced Learning programme continues to support the Building a Digital Ready Workforce programme with our work on improving the digital capabilities of the health and care workforce.

We all use technology in our personal lives. As technology evolves we want the health and social care workforce to be fully competent, confident and capable in its use in the workplace. Our [previous research](#) has explored upskilling workforces in healthcare and other sectors and looking at some of the solutions in meeting those challenges.

We define digital literacies as those capabilities that fit someone for living, learning, working, participating and thriving in a digital society. Underpinning these capabilities are six person-centred domains. Each one has its own levels of capability to support further development of the health and social care workforce.



1. Communication, collaboration and participation
2. Teaching, learning and self-development
3. Data, information and content
4. Creation, innovation and research
5. Technical proficiency
6. Digital identity, wellbeing, safety and security- which underpins the other five domains.

Self-Assessment of digital capabilities

The capability framework with domains (with descriptors and levels under each) is now a working document shortly to be published on our website. This framework is being tested as part of our discovery process to identify a user-friendly means of self-assessment where individuals will be able to identify areas for personal development of their digital capabilities. We're doing this work with The Research Base and would like to thank everyone who has contributed to that work so far.

We're also working with artificial intelligence experts Global Filtered on a pilot project to help signpost relevant resources to users depending on their personal learning needs. Watch this space for more news on this as our work progresses!

Clever Together

As part of our partnership with the Royal College of Nursing (RCN) and the Building a Digital Ready Workforce Programme on their "every nurse an eNurse" campaign, the RCN is launching an extensive UK-wide consultation to discover the challenges faced by nursing staff in adapting to digital technologies, and the opportunities available to improve patient care.

The results will support the RCN's call for improved education, training and development on digital literacy. The aim is that by 2020 every nurse will be an eNurse - every nurse will be able to use technology and data to maximum effect for patients, carers and service users.

Register now to join the conversation. The online workshop is now open and will run until 15 February 2018: <https://rcn.cleverttogether.com/welcome>.

Simulation-Based Education strategy

The five guiding principles which will form the basis of the HEE National Simulation-Based Education (SBE) Strategy have now been agreed. The headings are as follows:

- Guiding Principle One: Reporting Mechanisms, Leadership and Governance
- Guiding Principle Two: Strategic Approach and Resource Allocation
- Guiding Principle Three: Quality Assurance
- Guiding Principle Four: Quality Outcomes (Safe, Effective Care) and Workforce Development
- Guiding Principle Five: Faculty Development.

The outline strategy will now be further refined and developed and will be made available from the end of May 2018. Further work is still to be delivered on the specific outcomes of the guiding principles.

This work will be managed by five task and finish groups, whose membership has been drawn from the Simulation Reference Group that covers all 13 local areas. This work will begin shortly and will continue, within separate work-plans, over the coming 12 months.

A focus group is being planned for early April 2018, so that learners will have the opportunity to share their thoughts on early developments.

The first of our suite of short simulation films is now 'in the can'. Filmed at University Hospital Birmingham, this piece of film proved to be an interesting example of wet-tissue simulation and was extremely well attended and received. With two more films scheduled during February, perinatal at Maudsley Hospital and virtual reality at Torbay Hospital, we are looking forward to producing a suite of films that will capture the benefits of SBE and share its usefulness for both learners and patients alike.



Our next WeCommunities Twitter chat will take place on 22 February 2018 with a multidisciplinary team community using the hashtag #WeNurses. It would be great if you could join us to contribute to the discussion.



e-LfH update

The HEE e-LfH team is constantly updating existing and launching new e-learning sessions. For the schedule of when new sessions will be launched please click on this link: www.e-lfh.org.uk/planned-programmes.

New module released for e-FACE programme

The e-FACE e-learning programme has released a new module, Medical Skills in Oral and maxillofacial surgery (OMFS).

Developed by the British Association for Oral and Maxillofacial Surgeons (BAOMS) in partnership with HEE e-LfH, the module includes 21 sessions aimed at dental core trainees and junior trainees.

The module focuses on key topics, including: the unwell patient, practical prescribing and pharmacology, critical care and tracheostomy management.

The full list of sessions follows:

Approaching an Unwell Patient	Bisphosphonates
Understanding ECGs	Anticoagulants
ECG Interpretation	The Healthcare Team
ABG Interpretation	ITU and HDU
Interpreting Chest X-rays	Electrolytes
The Day Case Patient	Immunodeficiency
The Major Surgery Patient	Basic Knowledge about Tracheostomies and Laryngectomies
The Emergency Patient	Emergency Management of a Tracheostomy or Laryngectomy
Interpreting Blood Test Results	General and Nursing Care of a Tracheostomy or Laryngectomy
Fluids	Analgesia
	Emergency Front of Neck Airway

The sessions are available on the e-LfH Hub and will be made available via the Electronic Staff Record (ESR) very soon.

For more information about the e-learning programme please visit: <https://www.e-lfh.org.uk/programmes/oral-and-maxillofacial-surgery/>

Foundation e-learning: Professional Capability

Foundation e-Learning Programme

An innovative e-learning resource designed specifically to support the Foundation curriculum



The e-learning sessions explore the relationship between doctors and their patients and how to deliver effective patient centered care.

'Handling Complaints' provides essential information about common factors leading to complaints, how to minimise these, the procedures involved and what the responsibilities are as a foundation doctor.

The Mental Capacity Act (MCA) protects the right of vulnerable people and this group of sessions cover topics such as assessing capacity, consent, patient autonomy and safeguarding. The learner will also consider the multidisciplinary team (MDT) approach to healthcare in the hospital and patient support after discharge.

Sessions:

- Handling Complaints
- Mental Capacity
- Mental Capacity Assessment
- Use of Restraint
- Capacity and Difficult Consent
- Patient Autonomy and Related Ethics
- Safeguarding Vulnerable Adults
- Confidentiality and Privacy
- Keeping the Patient at the Centre of Care
- Seeing the Whole Picture
- Family Dynamics Affecting Discharge.

Academy of
Medical Royal
Colleges



For more information about the e-learning programme please visit: <https://www.e-lfh.org.uk/programmes/foundation-programme/>

Congratulations to Dorothy Keane MBE



The clinical lead for HEE e-LfH's Image Interpretation programme was recognised in the New Year Honours List with an MBE for services to radiography.

Dorothy Keane has devoted her career for the past seven years to expanding the e-LfH programme and making it a 'must use' for radiographers and other clinical professionals.

In a recent [blog](#) written for e-LfH, Dorothy reflected on the programme's achievements as well as her own saying: "I could not have foreseen how it would grow and develop."

She said: "Our original remit was to develop high quality materials on image interpretation of the adult skeleton to support the radiography workforce. Having published these sessions, the overwhelmingly positive response spurred us to move on to new areas.

"The 50 adult skeleton sessions seemed at the time an enormous piece of work," Dorothy continued.

"The project now encompasses over 400 sessions covering the breadth of radiographic practice; all modalities are covered as well as general sessions on subjects such as dementia. Whichever area of imaging you work in we have learning sessions to support your practice."

Dorothy manages a team of authors and editors and quality assures the content. She said: "We spend significant amounts of time updating and revising sessions as well as producing new ones to ensure we reflect current practice and technological innovation."

To access the Image Interpretation e-learning programme visit:
<https://www.e-lfh.org.uk/programmes/image-interpretation/>

Workforce Strategy consultation



Facing the Facts, Shaping the Future
 A draft health and care workforce strategy for England to 2027

Health Education England has worked with NHS England, NHS Improvement, Public Health England and the Department of Health to develop the NHS Workforce Report "Facing the Facts, Shaping the Future" – a draft health and care workforce strategy for England to 2027.



The report describes the nature and scale of these challenges and sets out proposals for the management of workforce issues at both local and national level.

The document is open for consultation until 23 March 2018.

To have your say on the report and to inform the Workforce Strategy visit: www.consultation.hee.nhs.uk.

For consultation



Torbay VR Lab project

Advances in technology have made access to virtual reality (VR) equipment and environments relatively affordable and in recent years this has generated significant interest in its potential role within healthcare, particularly as a training and educational tool.

User cases of VR and other visual technology have highlighted that there is a recognition of the significant potential



of this training methodology. However, many NHS organisations lack the required knowledge and experience in introducing or deploying VR for training or within education. Coupled with this, there is need for further evidence as to which technical and faculty requirements may be necessary to effectively adopt VR in the context of healthcare education.

The VR Lab project at Torbay and South Devon NHS Foundation Trust supported by Health Education England seeks to address this by trialling VR equipment and applications. The trial will involve public, patients and health and care staff through user and task requirements analysis and functionality within an established facility. It will also help with signposting of resources and current projects as well as 'how to' and guide information around this technology.


The VR Lab's primary goals will be two-fold:

- To test and evaluate next generation VR devices and software (including augmented reality / interactive environments) and determine potential utility for healthcare education
- To share learning and best practice around the use of VR in healthcare education, through written outputs, videos and engage a community/forum of practice relating to the use of VR in healthcare education.

It is expected the VR Lab space will be set up towards the end of February 2018. For further information please contact Nick Peres: n.peres@nhs.net.


Education Fellow opportunities

MedShr is looking for two medical education fellows and two dental education fellows for one year appointments to work in collaboration with Health Education England.



MedShr

Health Education England



MedShr □ HEE Dental Education Fellows

Two Posts □ One Year Appointment

MedShr is looking for motivated and enthusiastic dentists to join the team as Education Fellows to work in collaboration with Health Education England to develop this exciting technology as a tool for formal learning.

MedShr enables clinical case discussion in a private professional network, and since its launch in 2016 has grown rapidly to over 400,000 members in 180 countries.

The main objective of these one year posts is to develop the role of case discussion through MedShr in formal medical education and training. This will be achieved in partnership with HEE working in collaboration with NHS bodies, education providers and other organisations such as Royal Colleges and Specialist Societies. The role will be geared to align each appointees own career ambitions in terms of speciality interests.

For further details please contact:
 George Ulmann george.ulmann@medshr.net □ Dr Asif Qasim asif.qasim@medshr.net

Closing date for applications: 28th February 2018



MedShr

Health Education England



MedShr □ HEE Medical Education Fellows

Two Posts □ One Year Appointment

Desirable:
 Clinical interest in Cardiology, Orthopaedics, Dermatology or Oncology

MedShr is looking for motivated and enthusiastic junior doctors to join the team as Education Fellows to work in collaboration with Health Education England to develop this exciting technology as a tool for formal learning.

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For further details please contact:
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Closing date for applications: 28th February 2018

For more information please contact george.ulmann@medshr.net. The closing date for all four roles is 28 February 2018.

For more information about anything you have read in this update please email tel@hee.nhs.uk.