

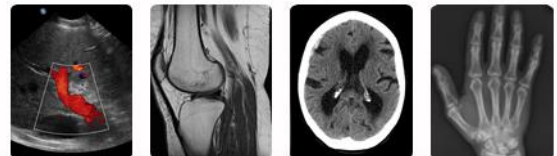
TEL NEWS

Welcome to TEL News

Image Interpretation



Interpretation of Radiological Images



The Image Interpretation non-obstetric ultrasound e-learning sessions have been used by thousands of practitioners since their launch five years ago. See page 9 for the full story.

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

Taxonomies project - We're having a pool party!

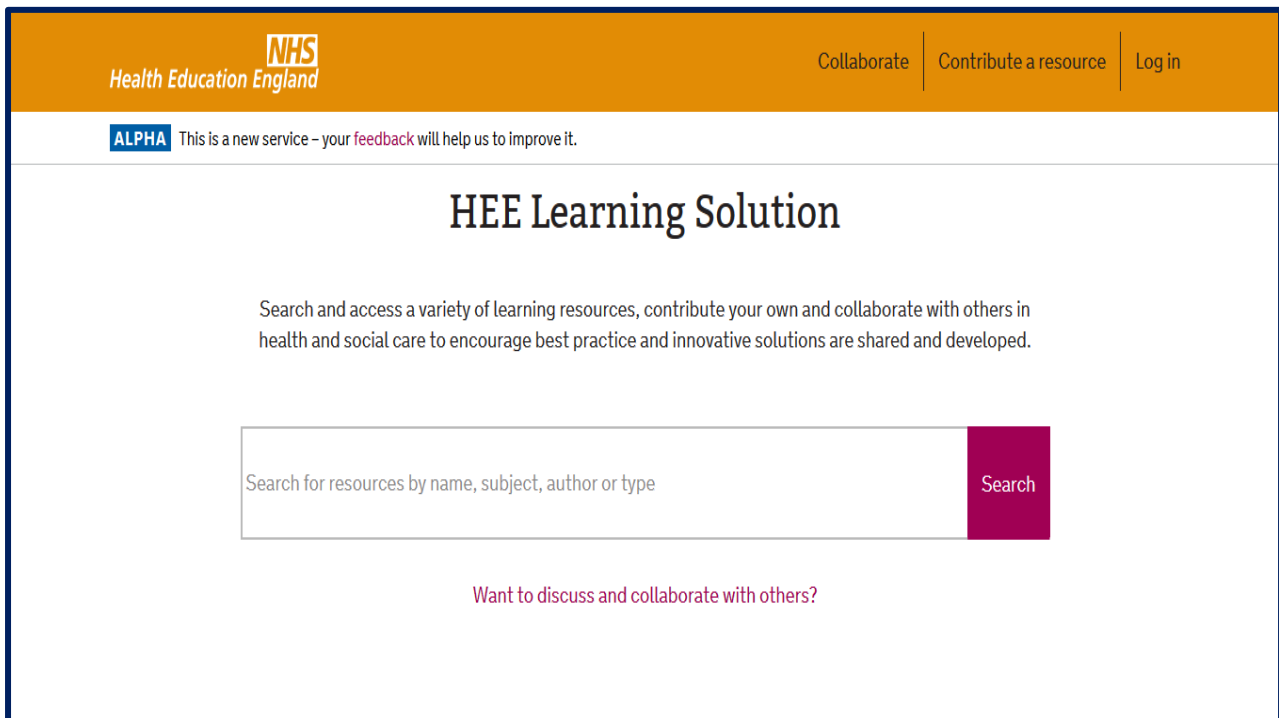


In previous issues of TEL News, we have referred to taxonomies as our superpower as they are responsible for powering so many of the technologies and systems we rely on every day. The taxonomy engine we have been developing will power the search on the new learning solution as well as other services we are developing for the future.

After successfully building a prototype taxonomy management system and search, the HEE TEL team followed the formal procurement process for the taxonomy engine which powers our search. The taxonomy management system chosen is called Pool Party, provided by Mekon Ltd. We are excited to be working with them as we embark on the next stage of our work on the development of a powerful search and discovery engine.

Pool Party is an enterprise taxonomy management platform and semantic engine for enriching information and learning materials to make it easier to find.

Update on the Learning Solution – can you help?



The existing prototype homescreen

Prior to starting the development work for the beta phase of Health Education England's (HEE) Learning Solution, work has commenced on some key areas that will underpin the development in the next phase of this exciting project:

- User research into the potential integration of the e-LfH Hub and the Learning Solution

Based on research undertaken during the alpha phase, which highlighted concerns about introducing a separate user and login system, a decision was made to integrate the user system with the closest related system, the e-LfH Hub. We are conducting user research using a sample of e-LfH users to find out what their expectations are around:

- the look and feel
- functionality
- user journey and
- interoperability

of the e-LfH Hub and the Learning Solution. This will help to inform the requirements for the level of integration between the two systems and whether the e-LfH Hub becomes part of the HEE Learning Solution.

If you would like to help with the user research for the potential integration of the Learning Solution with the e-LfH Hub please email tel@hee.nhs.uk.

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- Branding and design of the Learning Solution

The prototype created during the alpha phase uses the existing HEE branding, but the focus of the alpha was on functionality, not look and feel. We now need to build on the design created for the existing prototype by translating the HEE brand guidelines to be the primary brand of the Learning Solution. This will also include developing a name, identity and personality for the Learning Solution. This piece of work will be informed by the output of the user research mentioned above.

- User research into the potential integration of an event management system (offering face to face events) with the Learning Solution

As well as the Learning Solution offering access to online resources and physical equipment, a further strand could be the addition of sourcing face-to-face training events, all within a single system. This would offer a truly blended learning experience. We are conducting user research with potential end users and stakeholders to identify user needs and expectations in sourcing face-to-face training events and where gaps may exist in current practice. This will inform the potential integration of the Learning Solution and an event management system.

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

Learning about Microsoft's approach to TEL and education

A group of HEE colleagues visited Microsoft's London base earlier this month to see how the company is using TEL within its education strategy.

The group was able to see some of the new technologies which Microsoft is currently working on and in one session looked at the future of health, according to Microsoft, and investigated the impact of Artificial Intelligence, bots, personal ownership of health data and cloud computing.



The team had a hands-on demonstration of the [Microsoft HoloLens](#), a presentation from [Pearson Immersive](#) about their simulated training and a talk from Microsoft's Stefan Wijnen on [Project InnerEye](#) which is using state of the art machine learning to provide analysis of radiological images in order to save clinician time.

They also learnt about Microsoft's educational programmes across its UK and global network.

Will Bladon, Learning Technologies Manager (South), HEE, said: "It was interesting to see that one of the most advanced and wealthiest organisations in the world still struggles with some of the same challenges we in the NHS face, in terms of getting buy-in and a 'desire to learn' from their staff.

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“This was a great day with many thought provoking and interesting opportunities presented to us, the team is looking at ways to take this learning forward, and how we could potentially use some of the technologies and ideas presented to us within HEE and the wider NHS.”



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.

e-Learning programme to support staff in involving patients and public in their work now live

We have worked in partnership with NHS England to develop a new e-learning programme called Engaging with People and Communities – 10 steps to even better public engagement.

The programme has been developed as an alternative to the one-day face-to-face session to ensure learning opportunities are available to all colleagues. It is aimed at those people working in a commissioning role, supporting a commissioning role or who have an interest in this work.

It supports staff to involve patients and the public in their work using approaches built on best practice principles to improve services, including giving clear advice on the legal duty to involve. The e-learning links to an extensive range of resources, good practice and advice that will support staff to involve patients and the public. It highlights key

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participation principles and themes including working with 'seldom heard' groups to maximise the benefits and impact of involvement.

The e-learning programme is available to access via the e-LfH Hub and the Electronic Staff Record (ESR).

For more information about the e-learning programme please visit: <https://www.e-lfh.org.uk/programmes/engaging-with-people-and-communities/>.

Medical Mentoring e-learning programme launched

We have developed an e-learning programme to enable Doctors in Training to complete training to be a mentor without needing to travel to a teaching session.

HEE is committed to improving the working lives of Doctors in Training and effective mentoring plays a significant part in the development of a trainee.

This course will help Junior Doctors to develop skills as a mentor, increase awareness of the role and responsibilities they have as a mentor and highlight how the role of a mentor might personally benefit their own development.

After completing and fully participating in this programme learners will be better equipped to:

- explain the mentor/mentee relationship and the roles and responsibilities involved
- identify a clear set of guidelines and principles for a successful mentoring relationship
- understand and use specific tools to help provide effective support for the mentee
- give constructive feedback and facilitate a process of feedback generation by the mentee
- feel confident enough to provide high quality mentoring support.



Mentoring is a learning support mechanism where an experienced person provides guidance, knowledge and advice to someone who is in development or has less experience about a specific topic or function.

The role of a mentor is very important and whether the relationship is formal or informal, the fact is that a good mentor can be instrumental in the development of not only a mentee's skills and knowledge, but also their behaviour, attitude and professional outlook.

For more information about the e-learning programme and for details of how to access the programme visit: <https://www.e-lfh.org.uk/programmes/medical-mentoring/>.

New Introduction to Mindfulness e-learning programme launched

A new e-learning programme has been launched to give professionals a greater understanding of how mindfulness can support the people they are working with.

Introduction to Mindfulness is a simple and comprehensive e-learning programme which will provide people with an overview of what mindfulness is.

We have developed the programme in partnership with MindEd.

People may access mindfulness courses for their own health and wellbeing or learners may need a better understanding of what mindfulness is in order to share its benefits with the people and communities they are working with.

By the end of the programme, learners should be able to:

- Define what mindfulness is
- Describe the evidence base for mindfulness
- Identify the key components of mindfulness
- Evaluate whether mindfulness may be an appropriate approach for someone
- List the sources of further information and where to signpost people to for more resources and support

For more information about the e-learning programme and for details of how to access the programme visit: <https://www.e-lfh.org.uk/programmes/introduction-to-mindfulness/>



Introducing Learning Paths on eFetal Monitoring

A new learning path structure for eFetal Monitoring (eFM) is now available.

The knowledge sessions and assessments now appear as a series of learning paths based upon levels of complexity. The four learning paths are:

- Level 1 – Pathophysiology: Normal Fetal Heart Rate Pattern
- Level 2 – Risk factors for Fetal Hypoxia
- Level 3 – Pathophysiology: Complex Fetal Heart Rate Pattern
- Level 4 – Complex Pregnancies

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All previous knowledge sessions are still available and all user records are still accessible. However users will need to work through the assessments in order and pass at 80% or higher for the proceeding levels' assessment to be unlocked.

Each learning path consists of two courses; one for knowledge sessions and one for assessment. This means users have the opportunity to generate two certificates for each learning path. Certification is available upon course completion, or passing the assessment section, and can be generated via the certificate icon at learning path level. The previous method of generating certificates, via My Activity, is no longer available.

If you experience any difficulties accessing, or navigating, the content, please contact scott.mountifield@e-lfh.org.uk or support@e-lfh.org.uk.

Foundation e-learning programme: Professional Capability: 4 Keeps practice up to date through learning and teaching

Our free Foundation-specific e-learning programme was developed in partnership with the Academy of Medical Royal Colleges which is approved by UKFPO.



These e-learning sessions introduce the different types of supervised learning events in the Foundation Programme and how to get the most from them. There is also a focus on how important feedback, reflection and action planning is to learning and development. A group of three sessions aim to describe the knowledge, skills and behaviours needed to undertake a teaching role.

Sessions:

- Supervised Learning Events in the Foundation Programme: An Introduction
- Principles of Assessment
- Making the Best Use of Multi-Source Feedback: A Trainee Guide
- Getting the Most from Direct Observation of Procedural Skills (DOPS)
- Getting the Most from a Case Based Discussion (CBD)
- Getting the Most from a Mini-Clinical Evaluation Exercise (Mini-CEX)
- Getting the Most Out of Supervised Learning Events: A Trainee's Guide (Part 1)
- Getting the Most Out of Supervised Learning Events: A Trainee's Guide (Part 2)
- How do Adults Learn?
- Teaching - Delivering a Formal Teaching Session
- Teaching - Clinical Practice: Bedside or Opportunistic Moment
- Obtaining Feedback for Personal Development

To access the e-learning programme sign into the e-Learning for Healthcare Hub with the login supplied by HEE e-LfH at the beginning of foundation training:

<https://www.e-lfh.org.uk/programmes/foundation-programme/>.

New modules added to Literature Searching e-learning programme



We have worked with librarians at Lancashire Teaching Hospitals NHS Foundation Trust and Buckinghamshire Healthcare NHS Trust to add new modules to the existing e-learning programme to support health and social care professionals to find evidence for their work and study.

The modules have been developed for clinical and non-clinical staff to help build confidence in conducting a literature search and are suitable for novice searchers and those wishing to refresh their knowledge. Each of the modules should take no more than 20 minutes to complete and are structured in such a way that each module can be “dipped into” for reference, or completed in full during one session.

Modules four, five and six were launched recently and added to the existing three modules. There is one remaining module to be completed, which will launch soon. The live modules are:

- Building the foundations
- Module 1 Introduction to searching
- Module 2 Where do I start searching?
- Module 3 How do I start to develop a search strategy?
- Developing the skills
- Modules 4 Too many results? How to narrow your search – **recently added**
- Module 5 Too few results? How to broaden your search – **recently added**
- Module 6 Searching with subject headings – **recently added.**

To access the e-learning visit: <https://www.e-lfh.org.uk/programmes/literature-searching/>

If you require further assistance contact your local healthcare library team. Check the [Health Library and Information Services Directory](#) to find your local library.

If there is no arrangement in place, your key contact is the [Regional Library and Knowledge Services lead](#):

HEE London and the South East	louise.goswami@hee.nhs.uk
HEE Midlands and the East	ruth.carlyle@hee.nhs.uk
HEE North	david.stewart@nhs.net
HEE South	helen.bingham@hee.nhs.uk

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Image Interpretation e-learning sessions updated for their five-year anniversary

The College of Radiographers' Image Interpretation non-obstetric ultrasound e-learning sessions were launched in 2012 and these valuable CPD and learning resources have been used by thousands of practitioners since their launch.

The 55 sessions have recently been updated so ultrasound practitioners can trust the information, quality and accuracy.

The primary aim of this flexible online tool is to give users an interactive overview of six specific clinical areas of ultrasound: abdominal, vascular, gynaecological, head and neck, musculoskeletal and testes/prostate scanning. Each session includes images of normal and abnormal appearances as well as tips on report-writing and how to avoid common pitfalls associated with ultrasound imaging such as anisotropy and poor transducer contact. Interactive test questions invite readers to check their understanding. Information is matched, wherever possible, with national guidance and useful reference links are provided throughout.



Hazel Edwards, module editor and senior sonographer, has updated the sessions and worked closely with Lyndsey Callion, Instructional Designer at e-LfH. Hazel said: "It's important to keep the sessions as contemporary as possible.

"It's surprising how frequently recommendations by organisations like the National Institute for Health and Care Excellence change. All the ultrasound sessions have been reviewed carefully and amended but I still would advise practitioners to go to the original references for themselves and to always cross-check with their local hospital protocol.

"These sessions have all have been coproduced by experts and/or very experienced practitioners. I'm convinced staff will find them helpful. The resource is easy to access and free of charge to all NHS employees, some staff working for independent providers and most students on recognised healthcare courses, so what's not to like?!"

Charlotte Beardmore, Director of Professional Policy at The Society and College of Radiographers thanked Hazel and Lyndsay for their work on the sessions. Sign up at <https://portal.e-lfh.org.uk>

For more information please contact lyndsey.callion@e-lfh.org.uk

Please note we are hosting a #WeAHPs WeCommunities Twitter chat on Image Interpretation on 24 April 2018 at 8.30pm. Please join us to share your views on the subject.

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Update to e-LfH's support of Internet Explorer

Following extensive research into how the e-LfH Hub is accessed and the how sessions are launched, e-LfH has stopped supporting of Microsoft's Internet Explorer versions 8, 9 and 10.

These older versions are no longer supported by Microsoft or by a number of leading e-learning providers and e-learning authoring tools. The current version of Internet Explorer, version 11, and Microsoft's Edge will continue to be supported. This decision will bring e-LfH browser policy in line with other NHS organisations, including Electronic Staff Record (ESR).

Over the last few years the usage of these older versions of browsers has reduced significantly to less than 2% of all e-LfH accessed sessions. If your organisation still uses these older Internet Explorer versions, please note that alternative browsers such as Chrome or Firefox can be used. Please refer to your local IT department for assistance in using a different browser.

Ceasing support of the older versions of Internet Explorer will enable e-LfH to develop and test new functionality, without the restrictions of considering the aging technologies used by the older Internet Explorer versions.

e-LfH is supporting the following browsers:

PC

- IE11
- Edge (latest version)
- Chrome (latest version)
- Firefox (latest version)

Mac

- Safari (latest version)

Android

- Chrome (latest version)

iOS

- Safari (latest version)

If you have any questions about this change please contact the e-LfH helpdesk:
support@e-lfh.org.uk

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