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School of Medicine Technology Enhanced Learning University of Leeds

eduroam in NHS Trusts

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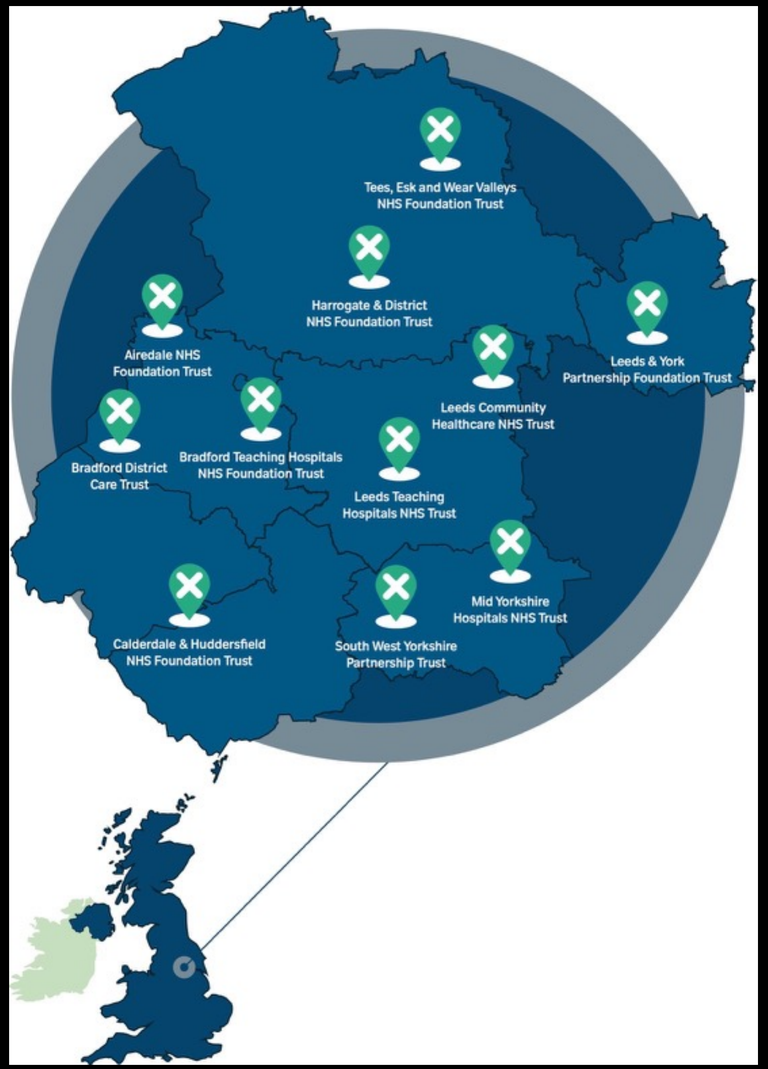
Clinical Practice locations



MedEx Leeds

The site to help orientate and guide students through clinical placements and learning opportunities

Leeds MedEx - Pinderfields

personal.leeds.ac.uk

Harrogate tr...uting Network | Sign In - TEL Groups | Technology ...chure - 2014 | Curatr V3 | H...igital curator | Welcome to ...ox - HumBox | Virtual Tour ...oyal Infirmary | Virtual Community | HEE | Home - Mens...rish Council

TIME, Technology in Medical Education, University of Leeds | Virtual Tour | Mid Yorkshire Hospitals NHS Trust

Leeds MedEx

Mid Yorkshire Hospitals NHS Trust

- Pinderfields Hospital
- Dewsbury and District Hospital
- Pontefract Hospital

About

Mid Yorkshire Hospitals NHS Trust provides community, acute (hospital-based treatment) and specialist health services to around half a million people living in the Wakefield and North Kirklees areas. The Trust also treat patients who choose to use our services from surrounding areas, including South Leeds, North Yorkshire, Barnsley and Doncaster.

Mid Yorkshire Hospitals NHS Trust website

Trust policy

Home | Contact Us

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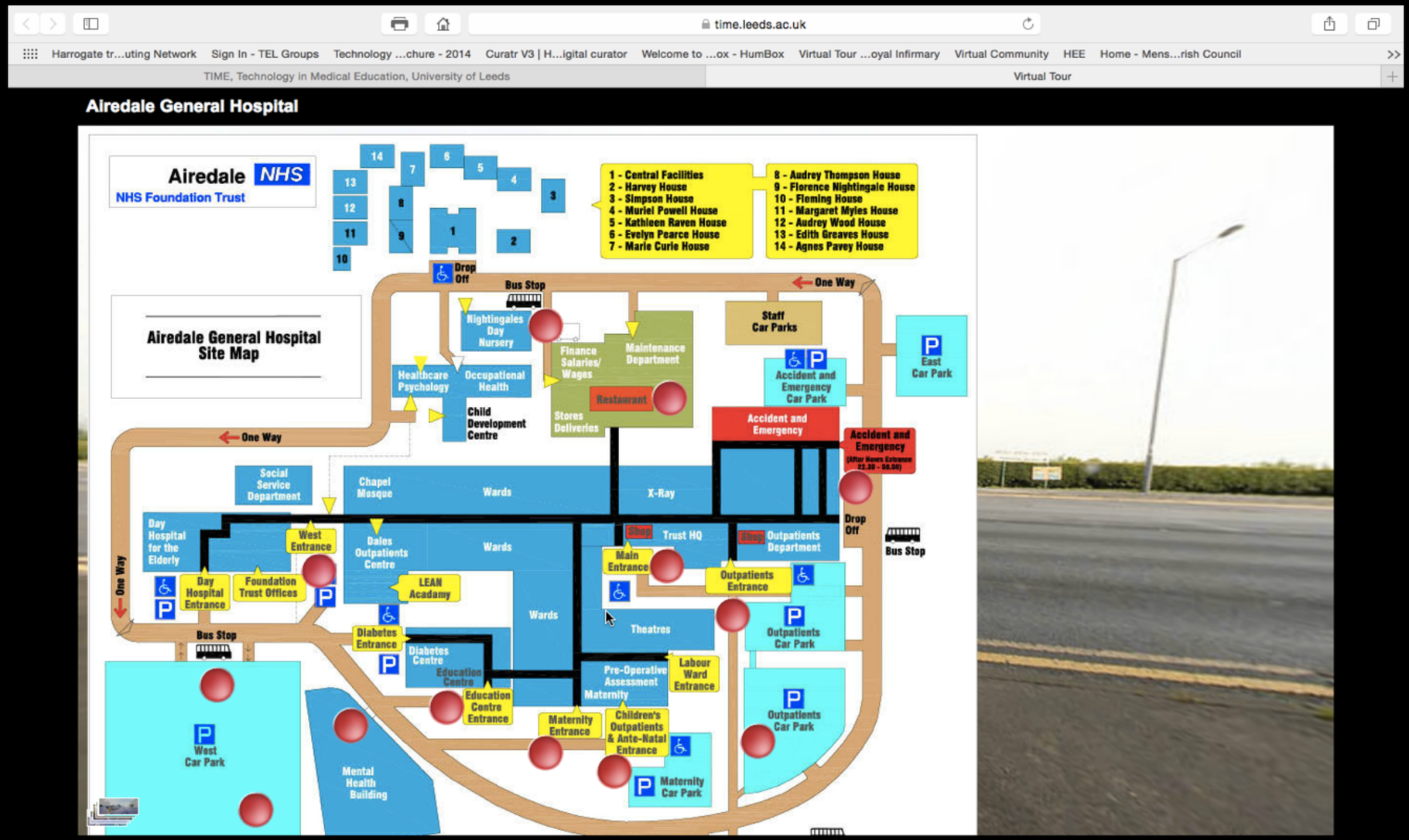
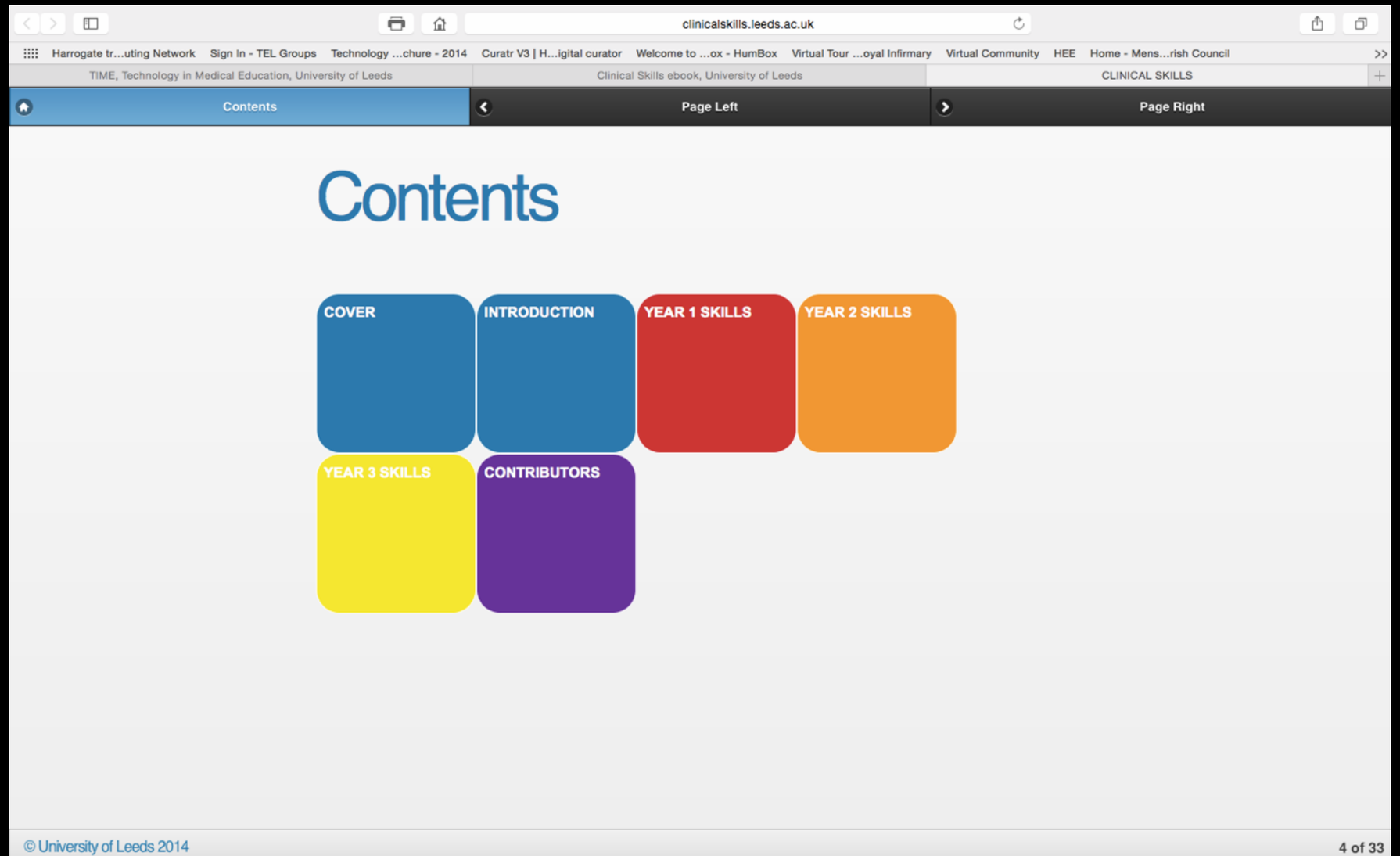
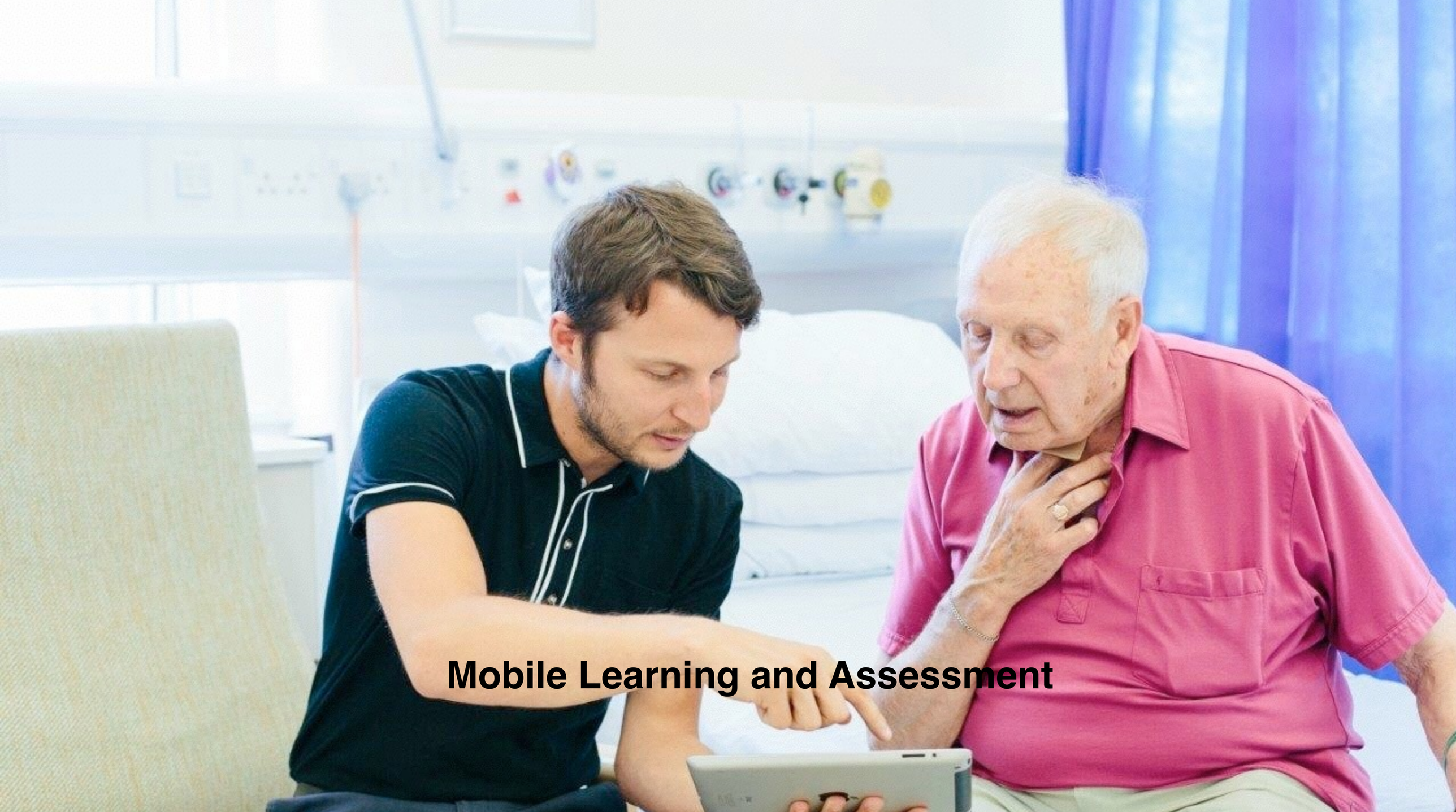
Virtual Tours



Clinical Skills eBook




Mobile Learning and Assessment

Connectivity is often a barrier to TEL adoption

Health Education England - TEL Programme

Networks

- Wireless
    - Trust Wireless
    - Guest Wireless
    - HE Wireless
- Mobile Broadband
    - 3G and 4G

eduroam

Summary

- What is it? Benefits?
- eduroam is a European research and education initiative, now worldwide
- It is provided by Jisc in the UK (provider of the Janet network)
- Over 100 hospital sites with eduroam enabled in the UK

What is eduroam?

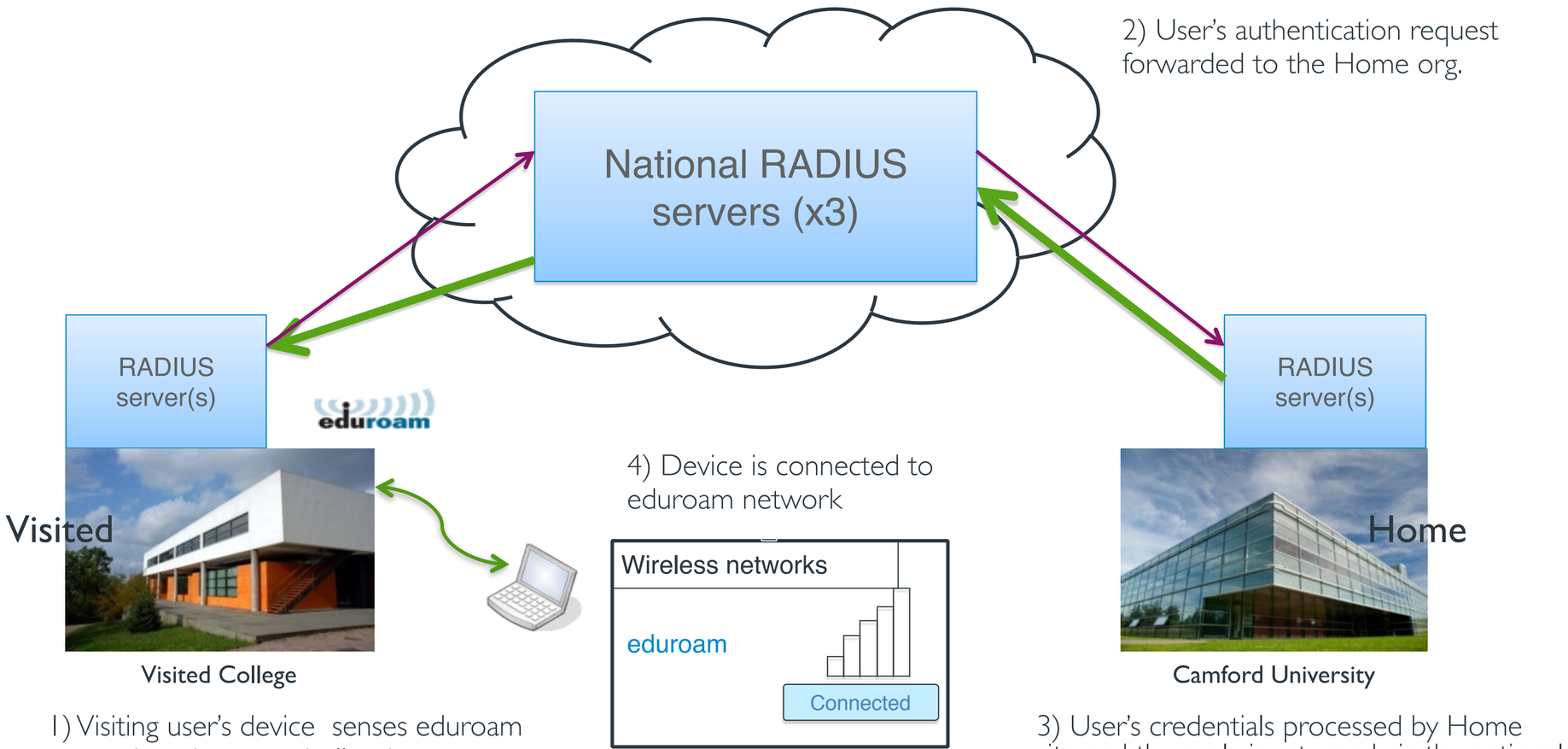
‘eduroam - just connect’

- Network connectivity solution that works irrespective of the user's location - ‘just open your laptop and you’re connected’
- Provides secure Wi-Fi connection and authentication using home organisation credentials
- Built on 802.1X – provides for multiple network access security profiles
- Federated service, now available throughout nearly all higher education campuses in the UK
- Growing take up by research, FE, health service and others
- Available worldwide

Benefits of eduroam

- Free Wi-Fi for the user at huge number of locations through a single Wi-Fi profile
- Huge savings in time for both the individual and the service-providing organisation due to reduced guest account management
- Encourages inter-institution collaborative working
- Meet expectations of availability of eduroam and improve attractiveness of venue for conferences/meetings
- Enables network environments to be tailored to suit different security profiles of users and their devices – dynamic VLAN assignment to differentiate managed devices, BYOD and user types
- Visitor remains "owned" by their home organisation

How eduroam works when the user roams



2) User's authentication request forwarded to the Home org.

4) Device is connected to eduroam network

1) Visiting user's device senses eduroam network and automatically tries to connect.

3) User's credentials processed by Home site and the reply is returned via the national RADIUS infrastructure.

Note – the visited site provides the internet access, to a minimum agreed standard.

eduroam in NHS West Yorkshire

- Nine NHS Trusts
- Leeds THT is an extension of University “home”
- Eight Trusts implemented as a “visited” partner
- Trust signs up as eduroam partner independent of University
- Project funded by Health Education Yorkshire and Humber

eduroam in NHS West Yorkshire

Visited Sites

- Technical Consultant
- Trust provide Radius Authentication servers
- Authentication back to “home” organisation
- Trust provide Internet Connection
- Configuration of VLANS, DHCP etc.
- Trust signs up as an eduroam partner

Networks

- Huddersfield and Calderdale
- Harrogate
- Bradford
- Pinderfields (Wakefield)
- Dewsbury
- Pontefract
- Leeds and York Partnership Trust (June 2015)
- Airedale (June 2015)
- Leeds Teaching Hospitals Trust

eduroam in NHS West Yorkshire

- Basic installation straightforward
- History of Trust important - more than one network
- Are the Trust upgrading their network?
- “buy-in” from education team in Trust
- Relationship with Trust IT - important - is it outsourced?
- Student Feedback is excellent
- Not just “Medicine” students or one University
- 1st Line support back to “home” organisation

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Questions?