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University of Leeds - Eduroam, Information Sharing and Clinical Practice

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University of Leeds and Leeds Teaching Hospital Trust

- Eduroam in LTHT
- Access to LTHT systems from the University

Undergraduate Medicine

- Eduroam in Clinical Practice

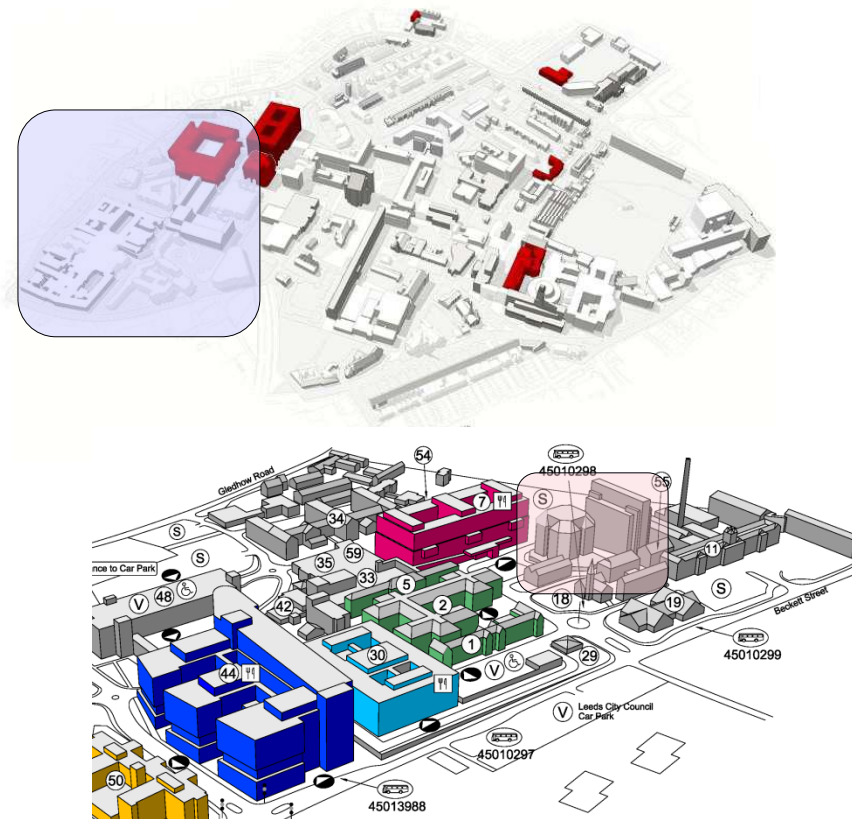
About UoL and LTHT



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Leeds University and Leeds Teaching Hospitals

- Shared sites at LGI/Main Campus, St James's University Hospital, Chapel Allerton Hospital
- Shared staff and lots of students
- Good working relationships between LTHT and UoL IT
- Direct network connection between LTHT and UoL (firewalled)



- Demand from academic clinicians, students and education for access to UoL wireless networks
- LTHT rolling out wireless programme during 2013
- UoL Eduroam provided over LTHT wireless network (September '13) to 106 LTHT WAP in LGI, SJUH and Chapel Allerton...
- Planning improved connection between LTHT and UoL



University/LTHT - co-located staff with two computers;

Negative impact on service, uncertainty over IG, lack of control over work-rounds

Major LTHT investment in new systems to support Dental Hospital (EPR, PACs, Medical Imaging)

Dental students deliver clinical service but limited access to clinical systems

Need for change supported by UoL and LTHT.



Information Sharing Agreement signed by University and LTHT July '13

1. allows for sharing of information by NHS email, other encrypted email or *access to applications*.
2. For provision of healthcare, research, education and clinical audit
3. Overarching framework defining key principles, roles and responsibilities.
4. Agreed process for requesting access to systems for authorised staff and students.

Access to systems



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So far, University desktops...

Dental EPR

Medical Imaging

Dental Pacs

Leeds Healthcare pathways

LTHT Intranet



Undergraduate Medicine in Leeds - MBCChB



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Five or six year course

260 students per year

New Curriculum launched in 2010

Students are learning in hospitals, clinics and the community

Work based practice crucial to success

New clinical placements:

- Year 1 & 2 – Primary & Secondary Care
- Year 3 – Elderly Medicine & Special Senses (2012)
- Year 4 – Acute & Critical Care; Cancer & long term care
- Year 5 – Assistantships and transitions to practice

Mobile Learning supports learning and assessment



Eduroam in Clinical Practice



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- Most of our students undertake clinical practice across the MBChB
- Year 4 and Year 5 students have University Smartphones
- Wireless Access is restricted or non-existent in clinical practice locations.
- 3G / 4G access is often restricted by coverage and building characteristics





Seven Trusts have bought into a plan for Eduroam

- Airedale NHS Foundation Trust (Keighley)
- Bradford Teaching Hospitals NHS Foundation Trust
- Calderdale and Huddersfield NHS Foundation Trust (Halifax and Huddersfield)
- The Mid Yorkshire Hospitals NHS Trust (Wakefield and Dewsbury)
- Leeds Community Healthcare NHS Trust
- Leeds and York Partnership NHS Foundation Trust
- Harrogate and District NHS Foundation Trust

Deliver Authentication and implementation Support

- Radius Server and network Engineering Support
- Overall design – individual trusts or regionally



Separates Wireless and data from NHS networks

£70K funding provided

Deliver:

- Authentication (e.g. Radius Server)
- implementation Support

Currently building project plan



Benefits:

Reliable network connection based on existing trust infrastructure

Authentication of user back to the University

Potentially opens door for students of other healthcare professions

Discrete from NHS Networks – no security issues.