

SPAN Annual Meeting

Update on the Digital Pathology Pilot

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Outline

- What have we achieved
- What have we learnt
- What are the next steps

What have we achieved?

NHS GGC

- LIMS integration
- 7000 requests reported digitally
- 7 pathologists using the system
- 4 pathologists validated
- Trainees beginning to be integrated

NHS Lothian

- LIMS integration
- 1500 requests reported digitally
- 6 pathologists using the system
- 2 pathologists validated

What else have we achieved?

- Funding secure from Pathalba for extension to the North region
- Scanner in NHS Highland
- Reporting workstations in Grampian and Tayside
- Delivery of equipment November 2018
- Full 6 month pilot

What have we learnt?

- LIMS integration is difficult
 - Now looking to improve workflow with Cerebro integration

What have we learnt?

- Implementation is very eHealth dependent
 - Server infrastructure
 - Network speed (1GB connection)
 - Storage capacity
 - Workstation builds
- Image data about twice what we anticipated – 1.2 GB per slide
 - Long term storage solution being redesigned to save SWAN network impact

What have we learnt?

- Monitor quality critical to success
 - Number of pixels determines field of view
 - Minimum requirement is 27 inch 4MP
 - High luminance required (at least 300 cd/m²)
 - £600-£6000
 - High quality essential to meet efficiencies
 - Overall a minor cost of digital transformation

What have we learnt?

- Paperwork and validation issues

Next steps?

- Complete use cases by end Feb 2019
 - Cross board working
 - MDT use
 - Time/motion studies
 - Paperless workflow
- Continue to build business case
 - Challenges of fragmented deployment
- Build regional/national networks and agreements to make best use of digital pathology
- Deliver the National Reporting Solution

Questions?