Digital Health CCIO Summer School 2018, University of Birmingham

Innovation or Evidence: Why can’t we have both?

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Pre-reading: [http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1000387](http://journals.plos.org/plosmedicine/article?id=10.1371/journal.pmed.1000387)

(Read at least the Abstract, Introduction, Discussion, Conclusions)

1. Introductory presentations (30 min)
   - Why should claims about digital health benefits be treated with caution?
   - What do we know about the unintended consequences of digital health?
   - How can we make independent evaluation of health IT into routine good practice?
   - Does the need for evidence hinder innovation?
   - Workshop setup

2. Workshop (60 min)

Sub-group practical session with prompts and direction from moderators

How to design an evaluation study for:
   - Hospital EPMA, or
   - Regional shared health and care record, or
   - Community mental health EPR, or
   - Some other project suggested by delegates in advance

3. Feedback (20 min)

Group feedback on most useful points

4. Conclusion/Q&A (10 min)

Summary points on evaluation methods [7, 8]
Questions on current/planned projects

Takeaway reading list (tbc)

Appendix: Background (Select some as a reading list)

Numerous basic research questions remain to be satisfactorily addressed in clinical informatics, including in the fields of:

- Cost effectiveness [9, 10]
- Efficiency/productivity [11-13]
- Impact on service utilisation [14]
- Patient empowerment/outcomes [15]
- Decision support [16]
- Usability and human factors [17, 18]
- Unintended consequences [19-22]
- Application of safety-critical software engineering methods [23].

References


