

Industry Needs: The Relationship Between Lab and POC Setting

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In this presentation...

- Adoption of innovation and uptake of new solutions
- Managing POCT
- Evaluations
- Solutions

Innovation: What the NHS says...

NHS Constitution, Principle 3. The NHS aspires to the highest standards of excellence and professionalism

..... and through its commitment to innovation and to the promotion, conduct and use of research to improve the current and future health and care of the population.

DH 2013

The Challenge

Our ambition must be for an NHS defined by its commitment to innovation, demonstrated both in its support for research and its success in the rapid adoption and diffusion of the best transformative, most innovative ideas, products and clinical practice”

*Innovation Health and Wealth, Accelerating
the Adoption and Diffusion in the NHS DH 2011*

What is an Innovation?

“An idea, service or product, new to the NHS or applied in a way that is new to the NHS, which significantly improves the quality of health and care wherever it is applied”

Innovation, Health and Wealth (DH 2011)

Adoption of New Innovations



• Invention +++



• Proof of concept ++



• Early Adoption ?



• Best Practice ?

Food for Thought

ADOPTION AND DIFFUSION – THE LEADERSHIP CHALLENGE

“It takes an estimated average of 17 years for only 14% of new scientific discoveries to enter day-to-day clinical practice”

Westfall, Mold & Fagnan, 2007

JAMA

Practice Based Research

“The best setting for studying the process of care and the manner in which diseases are diagnosed, treatments initiated and chronic conditions managed”

- Important to look at many issues e.g. health economics, but patient outcomes at heart of any such study

Managing POCT

- Secondary Care

Zero -> POCT Coordinator -> POCT committee -> POCT teams....

- Managing..
 - EQA and IQC
 - Education and Training
 - Record keeping
 - Support
 - Regulatory issues
 - Evaluations

Managing POCT

- In Primary care
 - Less well-managed
 - Some examples of good practice, dependant on workload of local POCT coordinator
 - More support to manage POCT required in the community
 - Better record keeping (audit trails)
 - Better quality practices (IQC/EQA)
 - Better education/training
 - Better purchasing decisions
 - Management of evaluations

Questions and Solutions...

- Tighter legislation (not just guidelines) around POCT in primary care
- Better links between secondary and primary care in POCT
- Better support for local evaluations
- Are the financial levers supportive of innovators?
- Could the commissioners do more to drive uptake of new technology?
- More input from..
 - RCN, RCGPs, RCPPath, ACB, IBMS, MHRA, UKAS

Pathology Services Specification (procurement guidelines)

- *The Service Provider shall ensure that a Point of Care Testing Committee (POCT) is established and operated to provide guidance and support for testing within the community:*
- *Ensure all POCT complies with professional, national and regulatory guidelines.*
- *All testing is performed within a quality management system.*
- *Provide training for primary care staff undertaking POCT*

Thank You

- BIVDA
- Manchester Metropolitan University
- NHS Innovations NW