INNOVATION, HEALTH AND WEALTH – ACCELERATING THE ADOPTION AND DIFFUSION IN THE NHS

MELANIE OGDEN
DEPUTY DIRECTOR OF INNOVATION
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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 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

• “Case for change” – why innovation is crucial

• Solution to productivity improvements

• NHS as a major investor and wealth creator in the UK

• New relationship with industry and the NHS
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
Innovation Continuum

- invention
- proof of concept
- early adoption
- best practice
- culture

v. strong, strong, weak, patchy, aim
Barriers to Innovation in the NHS

Spread of innovations in large disaggregated organisations is notoriously difficult. Previous research conducted highlights a number of reasons for this.

1. Insufficient recognition and celebration of innovation and innovators
2. Poor access to evidence, data and metrics
3. Financial levers do not reward innovators and can act as a disincentive to adoption and diffusion
4. Commissioners lack the tools or capability to drive innovation
5. Leadership culture to support innovation is inconsistent or lacking
6. Lack of effective and systematic innovation architecture

DIFFUSION
Key Actions

Innovation Health and Wealth sets a clear agenda for change.

Reduce variation in the NHS, and drive greater compliance with NICE guidance

Working with industry, develop and publish better innovation METRICS and information

Create a more systematic DELIVERY mechanism for innovation

Align financial INCENTIVES and investment

Improve arrangements for PROCUREMENT

DEVELOP OUR PEOPLE and ‘hard wire’ innovation into training and education

STRENGTHEN leadership in innovation at all levels of the NHS

Identify and mandate the adoption of HIGH IMPACT innovations in the NHS
The NIC is studying 4 NICE TA’s which are experiencing issues with implementation.

4 working groups were established in 2012 made up of representatives from NICE, Industry, Clinical practitioners, Pharmacists, Patient groups and Commissioning to identify root causes and practical solutions to the issues facing the following NICE TA’s:

- **Denosumab** for post-menopausal women with osteoporosis (NICE TA204)
- **Novel Oral Anti-coagulants** (NOAC’s) for prevention of stroke in patients with atrial fibrillation (NICE TA 249 & 256)
- **Insulin pumps** in type I diabetes mellitus (TA151)
- **B-type natriurectic peptide (BNP)** testing in heart failure (CG108)
barriers which are common across more than one pilot

Knowledge & Skills
- Patient voice and education
- Clinicians are not getting the right education on the risks and benefits quickly
- System education

Motivation
- Clear accountability for implementation
- Sufficient clinical champions
- Clarity/Understanding of NICE TA

Resources
- Funding pathway & incentives
- Quality Outcomes Framework?

Environment/Pathway
- Reassessment of guidance further restricts
- Management of medicines not optimisation of usage
- No Measurement of implementation
Strengthening Leadership and Accountability for Innovation
A Practical Guide for Governing Bodies and Provider Boards

NHS England 22/08/2013
Catalogue of Potential Innovations

Downloadable from www.innovation.nhs.uk

• Five domains
• Service, product, pathways
• Contacts for further information
Refresh - outputs

- IHW “Progress report”
- Short “Next Steps” report

N.B.
- Alignment with Keogh review & post Francis environment
- Health and social care integration
- NHS Call to action
Consider . . .

- Where do you get your bright ideas?

- What type of innovator are you?

- Who do you admire for their innovative approaches? What was it they did?
After today, reflect . . .

• How are you involved in innovation?

• What is your USP on innovation?

• How are you contributing to innovation in the call for action?
Thank you

melanie.ogden@nhs.net