

Institute of Health Sciences: Using Research for Change



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NHS
Technology Adoption Centre
A National Resource Based in the North West



Technology Adoption is on the agenda

- Wanless Report (2002) stated that the UK is a slow adopter
- Health Industry Taskforce (HITF) concluded that technology was not well adopted in NHS
- Cooksey Report (2006) recommended 'a more systematic approach to the adoption of new technologies'
- Ministerial Medical Technology Strategy Group established in 2007
- Announcement of formation of Health Innovation Council in September 2007
- 2007 – NHS Technology Adoption Centre was launched



NTAC Remit

- To work with partners to identify those technologies which will provide cost effective improved patient care
- To assist organisations to navigate the complexities of the 'NHS adoption landscape'
- To work with NHS Trusts to support the sustainable implementation of new, **proven**, technology as an integral part of service and system solutions, identifying where changes to the pathway or service may be needed to unlock the full benefits of the technology
- To produce **detailed NHS focused guides** detailing how the technology can be successfully implemented and the benefits to both patients and organisations that can be achieved



Evidence

NTAC are both evidence users and evidence providers

- The research and evidence base is utilised to select appropriate **commercialised** and **proven** technologies
- NTAC focus on gathering evidence surrounding the **clinical utility**
- NTAC packages and disseminates the findings as How2Why2 Guides



Clinical Efficacy

NHS
National Institute for
Health and Clinical Excellence



Centre for Evidence
Based Purchasing

Independently
reviewed/generated
evidence



NHS
Greater Manchester & Cheshire Cardiac and Stroke Network

Wireless Telemedicine in Primary Care

Phase 1 Report

Karen Gibbons & Luke Coleman
March 2008



NHS
Technology Adoption Centre

Technology
Implementation
Projects



How to why to Guides



Clinical Utility

Technology Implementation Projects

Potential projects are selected according to the following criteria:

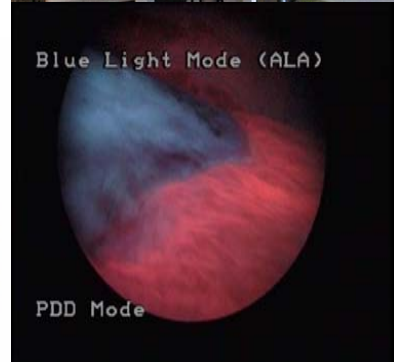
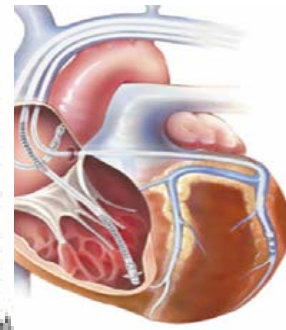
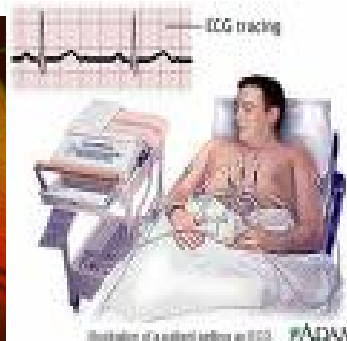
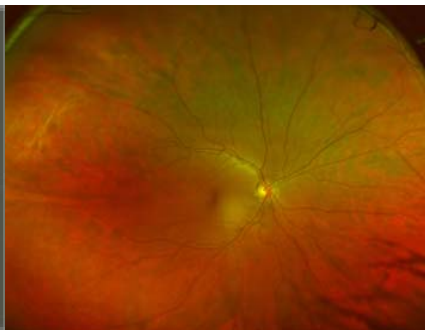
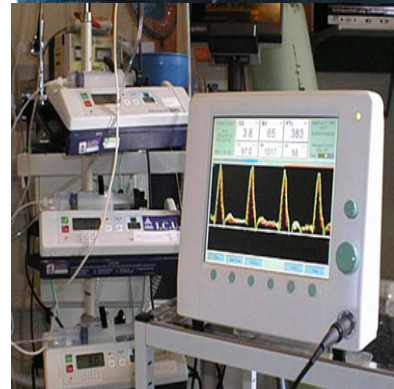
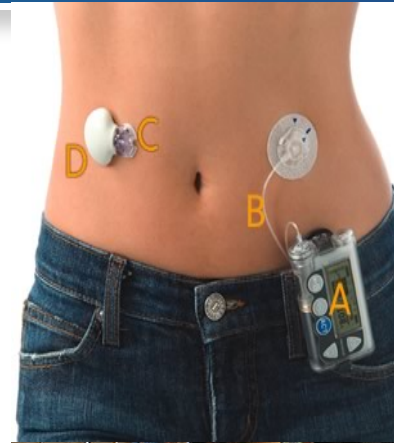
- Must represent a Step Change innovation
- Has to have a clear adoption issue i.e. Has clearly demonstrated improved patient outcomes and/or systems efficiencies but minimal adoption in NHS.
- Support a clinical area of major focus in the NHS
- Support national policy priorities – 18 week, PBR, Patient Safety
- CLEAR PROVEN PATIENT BENEFITS



Implementation projects ongoing

Ten projects are currently underway :

- Oesophageal doppler
- Supra-pubic catheter kit
- Cardiac telemedicine in primary care
- A non-Invasive bladder analysis system
- CRT and CRT-D with remote patient monitoring
- Continuous subcutaneous insulin pump therapy
- Advanced Retinal scanning
- Virtual veins training device
- Intra-operative breast lymph node assay
- Photodynamic diagnostics for bladder cancer





Implementation Project Outputs

“How to Why to Guide”

- Introduction to technology
- Clinical evidence
- Benefits / Barriers
- Lessons learnt from implementation
- Road map
- Integrated business case
- Costing model
- Online resources / tools



How to why to Guides



Technology Adoption Centre

Executive Summary
Introduction to Technology
Evidence Base
Implementation Project
Procurement
Policy
Roadmap
Business Case
Contact & Links

Suprapubic Foley Catheter Kit

Reducing risk, reducing cost

Suprapubic catheterisation can now be undertaken with less risk of trauma and complications, and at a lower cost, with the availability of a new insertion kit that employs the Seldinger technique - a well-established procedure in clinical practice.

Our "How To, Why To Guide" provides a comprehensive introduction to the technology, with supporting clinical evidence and a fully costed road map for its implementation. "Our How to why to guides are designed to save you time, improve performance and providing patients with a better experience."

We'll explain the barriers to adoption, and how they were overcome together with the benefits this technology can bring to your organisation from the lessons learnt at our three clinical implementation sites. The guide provides comprehensive, relevant information for clinicians, managers and other stakeholders on how to implement this technology. There's full information on procurement and key policy areas that this technology may impact on, a full business case, and costing model that can be tailored to your trust's requirements.

For the complete guide click [here](#).

A less traumatic way of introducing Suprapubic Urinary Catheters



The technology explained

Suprapubic catheter (SPC) placement is routinely used in Urology to decompress the



Any questions?

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The Technology Adoption Centre's mission is to work directly with the NHS at a clinical, managerial and procurement level to identify and overcome the barriers to adoption for innovative technologies which have already demonstrated clear benefits to patients and will improve system efficiency.

Embracing Healthcare Technology and Innovation Event - 11 Feb 2009, BMA House, London. [Click here for more details](#)

Welcome to the NHS Technology Adoption Centre

The increased use of technology has the opportunity to transform many aspects of the NHS ensuring that healthcare in England is amongst the best in the world!

The NHS Technology Adoption Centre, based in Manchester, was launched in September 2007 with the following key aims:

- To assist organisations to navigate the complexities of the 'NHS adoption landscape'
- To work with partners to identify those technologies which will provide cost effective improved patient outcomes in the NHS
- To work with NHS Trusts to support the sustainable implementation of new technology as an integral part of service and system solutions, identifying where changes to the pathway or service may be needed to unlock the full benefits of the technology
- To produce detailed NHS focused Guides detailing how the technology can be successfully implemented and the benefits to both patients and organisations that can be achieved

Click here to find out the "how to" for implementing emerging technologies



How to why to Guides

Latest News

For the latest news from the NHS National Technology Adoption Centre, sign up to our newsletter below:



SIGN UP

Website: www.technologyadoptioncentre.nhs.uk