

University Hospitals Bristol NHS Foundation Trust
Summary Annual Report 2007/08

Clinical Effectiveness

Key National Standards and Requirements
<ul style="list-style-type: none"> • Healthcare Commission <ul style="list-style-type: none"> ○ Healthcare organisations protect patients by following NICE interventional procedure guidance (C3) ○ The healthcare organisation conforms to NICE technology appraisals where relevant to its services (C5a) ○ The healthcare organisation can demonstrate how it takes into account nationally agreed practice as defined in national service frameworks, NICE clinical guidelines, national plans and nationally agreed guidance, when delivering services, care and treatment (C5a) • Foundation Programme Curriculum (medical postgraduate training) <ul style="list-style-type: none"> ○ The doctor can demonstrate knowledge, skills, attitudes and behaviours to use evidence and guidelines that will benefit patient care (Core Competency 2.2) • NHS Knowledge & Skills Framework (other professions) <ul style="list-style-type: none"> ○ Staff can evaluate the currency and sufficiency of their own knowledge and practice (Dimension 2, L3 & L4) ○ Staff can access, appraise and apply knowledge and information (Dimension IK3, L1)
Summary of 2007/08 Activity
<p>Implementing NICE guidance</p> <ul style="list-style-type: none"> • Of 18 Clinical Guidelines (CGs) issued during 2007/8, 15 Clinical Guidelines impacted to some degree on the Trust, and the following 8 Clinical Guidelines significantly: <ul style="list-style-type: none"> ○ CG46 Venous thromboembolism (surgical) ○ CG50 Acutely ill patients in hospital ○ CG55 Intrapartum care (update) ○ CG56 Head Injury (update) ○ CG58 Prostate cancer ○ CG62 Antenatal Care (update) ○ CG63 Diabetes in Pregnancy ○ CG64 Prophylaxis against infective endocarditis • Two Clinical Guidelines presented key implementation challenges. Full implementation of CG46 has been incorporated into the Safer Patient Initiative Project, whilst CG64 represented a substantial shift from existing national practice. • Of 20 Technology Appraisals (TAs) issued during 2007/8, only 5 Technology Appraisals related to new cancer drugs, a shift in focus from previous years. Of the 20 Technology Appraisals, 15 impacted to some degree on the Trust, and the following 8 Technology Appraisals significantly so: <ul style="list-style-type: none"> ○ TA121 Glioma (newly diagnosed & high grade) - carmustine implants & temozolomide ○ TA129 Multiple myeloma - bortezomib ○ TA130 Rheumatoid arthritis - adalimumab, etanercept and infliximab ○ TA133 Asthma (uncontrolled) - omalizumab ○ TA134 Psoriasis - infliximab ○ TA135 Mesothelioma - pemetrexed disodium

- TA137 Lymphoma (follicular non-Hodgkin's) - rituximab
- TA139 Sleep apnoea - continuous positive airways pressure (CPAP)
- The local implementation of NICE Technology Appraisals is coordinated with our Primary Care Trust partners through the local health community 'NICE Commissioning College'. The Trust has agreed full implementation of the above Technology Appraisal guidance, with the exception of TA139 where there is some remaining uncertainty on the numbers of affected patients. However, patients are not being adversely affected as referred patients are being offered the technology under an interim agreement with Primary Care Trusts.
- Of the 41 Interventional Procedure Guidance issued during the 2007/8, the Trust complies with the precautionary guidance in all cases.
- The Trust has agreed with Primary Care Trust commissioners that key NICE guidance will be subject to cross-community clinical audit, using a standardised approach.

Providing evidence-based information resources for clinical staff

The key provider remains the NHS Library for Health, who provide a range of resources through the standard www.library.nhs.uk gateway. In addition, the Trust subscribes to a range of additional print and electronic resources to inform staff of best evidence-based practice. During 2007/8, the following new resources were made available to staff;

- JBI Connect (Australia) - *an online web-based facility that provides users with resources and tools to search, appraise, summarise, embed, utilise and evaluate evidence-based information. The most useful aspect collection of JBI is their collection of protocols that provides a template for nursing and AHP staff to developing similar protocols for use within the Trust*
- UpToDate (USA) - *containing evidence-based summaries, including treatment options, on 7400 topics across 13 key medical specialities. The Trust is one of a number of UK sites piloting this resource.*
- Clinical Knowledge Summaries (UK) - *provided through the National Library for Health as a replacement for the 'BMJ Clinical Evidence' resource - albeit with a strong primary care focus*

Developing local clinical guidelines and pathways

- The Trust continues to host copies of internal clinical guidelines on the pan-Avon Document Management Service (DMS), providing full version control and authentication to users.
- During 2007/8 there were 325 new or updated local clinical guidelines/pathways added to the DMS, taking the total currently available to 1205.

Education & Training

- The Trust continues to provide a range of learning opportunities for staff
 - Evidence-based Practice: Getting started
 - Evidence-based practice: Accessing the evidence
 - Evidence-based practice: Appraising the evidence
 - Evidence-based practice: Custom sessions
- The Trust ran 29 separate teaching sessions during 2007/08, involving 256 members of staff drawn across the range of professions and specialities

Introducing new surgical procedures

- The Trust Clinical Effectiveness Committee reviews all applications to introduce new surgical and interventional procedures to the Trust. In many cases these new procedures have not been reviewed by NICE, and require careful independent evaluation of the evidence-base before a decision can be reached.
- In 2007/08, the following procedures were reviewed, approved and are now offered;
 - Descemet's stripping with endothelial keratoplasty (ophthalmology)
 - Aortic and mitral valve surgery via right minithoracotomy (cardiac surgery)
 - High dose rate brachytherapy for prostate cancer (oncology)
 - Corneal implants for keratoconus (ophthalmology)
 - Insertion of artificial urinary sphincter (paediatric surgery)
 - Percutaneous aortic / pulmonary valve implantation (cardiac surgery)
 - Endovenous radiofrequency ablation of superficial varicose veins (vascular surgery)

Key Outcomes for 2007/08

As above plus:

- The Trust continues to work with the local NICE Commissioning College as our key partner in implementing NICE guidance.
- A cross-community pilot localisation of the 'Map of Medicine' resource has been successfully completed, with a fully localised pathway for breast cancer agreed and available. The local health community have recently appointed a Map of Medicine Implementation Manager, whose role will be to coordinate and support extensive localisation and use of the resource.
- The Trust Clinical Effectiveness Committee has successfully bedded in a robust model for reviewing applications to introduce new interventional procedures

Indicators of Effectiveness (extracts from Assurance Framework)

NICE Guidelines and Technology Appraisal Guidance

- The Trust has a system for horizon-scanning draft NICE guidance to inform Local Delivery Plans; and for on-publication compliance assessments recorded (note: these were formalised within a Trust Policy on NICE guidance implementation in September 2007, updated in May 2008)
- Implementation of NICE guidelines and Guidance is reviewed by Clinical Effectiveness Committee. The timescale for these reviews is agreed on a case-by-case basis, but the benchmark is that NICE Guidance is reviewed at around 12 months, with guideline review at around 24 months.
- NICE Implementation Plans (primarily Technology Appraisals) are agreed through the Bristol, North Somerset and South Gloucestershire NICE Commissioning College.
- There is now an agreed process by which NICE Technology Appraisal clinical audit reports are submitted to the NICE Commissioning College

NICE Interventional Procedures

- Annual review of continuing assurance against 'do not implement' procedures
- On-publication compliance assessments are recorded into NICE Knowledge Management Database (KMD)
- Clinical Effectiveness Committee reviews all new procedures, irrespective of status with NICE
- (note: new Trust policy governing New Procedures was approved September 2007, updated May 2008)

2008/09 Plan and Priorities		
<i>Priority</i>	<i>Person responsible</i>	<i>Target date</i>
Continue working with Primary Care Trust partners and our own staff to effectively implement relevant NICE guidance	James Osborne	ongoing
Transfer of Clinical Effectiveness function from Research & Development to Governance Team.	James Osborne / Chris Swonnell	Autumn 2008
Identify new Chair of Clinical Effectiveness Committee	Jonathan Sheffield / Lindsey Scott	Autumn 2008
Initiate a rolling programme of assurance review of the introduction of new procedures, typically at 1 year post approval	Clinical Effectiveness Committee	October 2008 (commencing)
National Technology Implementation Project (awarded) on cardiac resynchronisation (NICE TA120) - why is take-up of the therapy so poor?	Angus Nightingale	October 2008 (commencing)
Responsibility for assurance of NICE Cancer Service Guidance transfers to the new Trust Cancer Services Board	Teresa Levy	November 2008
Review the role and function of the Clinical Effectiveness Committee in the light of the DoH High Level Report on Evidence-based Clinical Effectiveness (2007) and the Darzi Report (2008). Review to include relationship with other key Trust committees, e.g. Clinical Audit Committee and Complimentary Therapies Advisory Group	James Osborne / Chris Swonnell / appointed Chair of Clinical Effectiveness Committee	December 2008
Introduction of new approvals process for complementary therapies	James Osborne / Liz Thompson	December 2008
Enhance the clinical effectiveness section of 'Connect' - to replace CE-net	James Osborne	December 2008
Roll-out ' <i>Evidence-based practice: getting started</i> ' via elearning.	James Osborne / Sandra Harriss / Julie Smith	January 2009 (subject to elearning platform availability)
Transfer Knowledge Management Database into a 'Connect' workspace for Implementing NICE Guidance, to serve as a web accessible repository of all relevant local documents and information relating to NICE.	James Osborne	February 2009
Introduce further localised functionality for online Map of Medicine [®] guideline resource (probably Upper GI Cancer in the first instance)	James Osborne	March 2009
Provide ongoing executive leadership on the use of evidence-based resources e.g. via Library	Chief Knowledge Officer	ongoing

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