



Clinical Audit Annual Report

2008

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Public summary

Clinical Audit is a quality improvement tool used widely in the National Health Service. It involves doctors, nurses and other healthcare professionals agreeing the best way to treat patients (e.g. the most appropriate choice of treatment; the way it should be given; the right time for it to be given; and so on), and then collecting data - usually from patients' medical records, or sometimes from electronic databases - to find out whether or not they are doing the things they said they would do. If the clinical audit results show that there is room for improvement, an action plan will be agreed. Please be assured that when clinical audits are carried out, the data is anonymised, i.e. individual patients are not identified on data collection tools or in project reports.

During the financial year 2008/9, there were around 430 clinical audit projects taking place in our hospitals. These projects represent a mixture of national work which the Healthcare Commission (the 'Governance health watch dog') asks us to participate in, and a range of other audits agreed within our Trust. For example, when the National Institute for Clinical Excellence (NICE) publishes its recommendations about which drugs and treatments should be available on the NHS, we usually set up clinical audits to check that we are following those recommendations properly.

Some Clinical Audits simply confirm that we are doing the right things; but others reveal a need for us to make improvements. The Clinical Audit Annual Report for 2008/9 includes a number of pages (ordered by Clinical Division) listing changes and benefits brought about by our clinical audit activity within the past year.

If this report raises any points of interest that you would like to pursue, please feel free to contact Stuart Metcalfe at UHBristol Headquarters, Marlborough Street, Bristol BS2 8HW, or email stuart.metcalfe@uhbristol.nhs.uk

1. Introduction from the Chair of Clinical Audit Committee

Clinical Audit is a valuable tool to assess the standards of care that we deliver. Used skilfully it brings together professionals from a many disciplines to improve clinical services. It was a pleasure to hear this described as a 'spiral of improvement' by a trainee at a recent presentation.

The report shows a very active audit programme throughout the Trust again this year with a balance of projects initiated in response to guidance issued by the National Institute for Health and Clinical Excellence (NICE), the National Patient Safety Agency (NPSA), the Medical Royal Colleges, and projects initiated in response to local priorities.

Of the 483 projects undertaken in 2008/2009 24 were abandoned. This has generated some discussion and of course we aspire to complete all our projects. However my personal view is that a rate of 95% of projects completed is a remarkable achievement for which all concerned should be congratulated. You will see many examples in the report of positive outcomes of audit projects and we will continue to build on this in the future.

There have been a number of changes to the membership of the Clinical Audit Committee this year. I would like to thank all those convenors who are stepping down and I would like to welcome all those who are taking up the challenge and replacing them. Special thanks must go to Mr Nigel Harradine, the longest standing member of the Clinical Audit Committee by far, who has given many years of commitment to promoting high quality audit both in the Bristol Dental Hospital and in the Trust as a whole.

Within the Trust we have sought to strengthen the links between clinical audit, clinical risk and clinical effectiveness and we have recently been pleased to welcome Dr Jonathan Sheffield as Chair of the Clinical Risk Assurance Committee and Mr Andrew Hooper, Director of Information Management & Technology, to speak at Clinical Audit Committee meetings. Later in 2009 we are looking forward to receiving Sarah Blackburn, Non-Executive Director and Chair of the Audit & Assurance Committee, with extensive experience of risk management and assurance, and Dr Jan Dudley, Chair of the Clinical Effectiveness.

The Healthcare Quality Improvement Partnership (HQIP) has been working at a national level to reinvigorate clinical audit. Members of our Trust have participated in consultations, focus groups and a national conference run by HQIP to influence national policy. I would like to thank all who responded to the invitation to participate. I would also like to congratulate Chris Swonnell, Stuart Metcalfe, the audit convenors and the facilitators past and present on the success we achieved at the national conference where the University Hospitals Bristol was awarded Runner-up prize in the Programme of the Year award.

In the year ahead we expect clinical audit to remain an integral part of the assurance and governance activities of the Trust and to contribute to Quality Accounts as it has this year. We will continue to seek partnerships with outside organisations and to foster user involvement in the development of our audit programme. We await with interests the details of the plans for consultant revalidation as we believe these may influence the development of our audit programme in the future.

Carol Inward
Chair Clinical Audit Committee

2. Report from the Assistant Director for Audit and Assurance

2.1 HQIP Clinical Audit Programme of the Year award

This year the Trust was delighted to receive a Runner-up prize in the prestigious Clinical Audit Programme of the Year award category at the Healthcare Quality Improvement Partnership's inaugural annual conference. HQIP judges were particularly impressed with the Trust's approach to monitoring the progress of its clinical audit programme using a range of key performance indicators. The award reflects the hard work of the team over a number of years.

2.2 Clinical Audit Team

Clinical audit at the University Hospitals Bristol NHS Foundation Trust is currently supported by a team of 8.65 whole time equivalent staff who are employed by the Trust Services Division, but based mostly in the Clinical Divisions. Further support is provided by a number of other staff who are employed by the Clinical Divisions with a specific remit for clinical audit (in Radiology, Cardiac Services and Homeopathy). Full details are shown in Appendix A.

A significant change during 2008/9 was the appointment of Stuart Metcalfe, initially in the role of Assistant Clinical Audit Manager – succeeding Eleanor Bird – and more recently with the formal title of Clinical Audit Manager, reflecting the confidence that the Assistant Director and the Chair of Clinical Audit Committee have had in Stuart's ability to lead the team of Clinical Audit Facilitators and manage the clinical audit programme.

Regrettably the Division of Surgery Head & Neck has endured a lengthy gap in facilitator support for much of 2008/9 after Stuart Metcalfe's promotion. Following two unsuccessful attempts to recruit, the team was delighted to welcome James Benwell in April 2009 as the new facilitator for Adult Surgery, Trauma & Orthopaedics, Anaesthesia, Critical Care & Theatres. A review of how the Clinical Audit budget was allocated also enabled the Trust to continue this post on a full-time basis.

During the year Salim Nureni left his position as facilitator for Medicine, after gaining promotion to a Research Governance post at NHS Bristol. Salim was succeeded in post in May 2009 by Samantha Wilkinson.

Elsewhere, Trudy Gale was appointed to the new role of part-time facilitator for Cardiac Services. This has been a challenging role for Trudy due to David Finch's long-term absence from the Division of Specialised Services.

Mairead Dent formally retired in the spring of 2009; however we are delighted that Mairead has decided to continue working for the team on a part-time basis.

Finally, after nearly a decade in post, Carl Thomas left the Clinical Audit Team in 2009 to take up a new post in the Department of Dermatology. We wish Carl every success and thank him for his years of support as Clerk to the team. We are also delighted to welcome Joanna Snietura who has been appointed as Carl's successor and will start in post in July 2009.

2.3 Clinical Audit Committee

The Clinical Audit Committee (CAC) met five times in 2008/9. Meetings enabled discussion of core business, i.e. Annual Forward Plans, quarterly progress reports, the Clinical Audit Annual Report and the Healthcare Standards Declaration (in particular for Core Standard C5d and upward reporting of appropriate key performance indicators). The Committee also considered the Trust's approach to auditing NICE guidance in light of emerging requirements from the local NICE Commissioning College.

The following members joined CAC in 2008/9:

Gavin Murphy - Cardiac Surgery
Tony Brook - Dental services & Maxillo-facial Surgery
Rachel Liebling - Obstetrics & Gynaecology

Amongst outgoing convenors, special mention must go to Nigel Harradine (Dental Services) and Charles Wakeley (Radiology) who have been members of the Committee for many years - in Mr Harradine's case, since the inception of Medical Audit programmes at the Trust.

2.4 Standards for Better Health / Governance Targets

In 2008/9, the Trust once again declared compliance with Healthcare Standards C5d ('the clinical audit standard'). Assurance Framework evidence was strengthened in the following areas:

In addition to Core Standard C5d, in 2008/9 NHS Trusts were for the first time required to declare compliance with the CQC "Engagement in Clinical Audits" indicator. The Trust declared that it was compliant with the following five criteria:

1. Between 1 April 2008 and 31 March 2009, did the trust participate in local and/or national audits of the treatment and outcomes for patients in each clinical directorate covered by the trust?
2. By 31 March 2009, did the trust have a clinical audit strategy and programme related to both local and national priorities with the overall main aim of improving patient outcomes?
3. Between 1 April 2008 and 31 March 2009, did the trust make available suitable training, awareness or support programmes to all clinicians regarding the trust's systems and arrangements for participating in clinical audit?
4. Between 1 April 2008 and 31 March 2009, did the trust ensure that all clinicians and other relevant staff conducting and/or managing clinical audits were given appropriate time, knowledge and skills to facilitate the successful completion of the audit cycle?
5. Between 1 April 2008 and 31 March 2009, did the trust undertake a formal review of the local and national audit programme undertaken in the trust to ensure that it meets the organisation's aims and objectives as part of the wider quality improvement agenda?

The Trust declared non-compliance with the following criterion, which is the subject of a local action plan:

6. Between 1 April 2008 and 31 March 2009, did the trust's management or governance leads receive regular reports on the progress being made in implementing the outcomes of national clinical audits and review the outcomes, with additional or re-audits being conducted where necessary?

This equated to overall compliance with the indicator for 2008/9.

2.5 Financial Information

In 2008/9 the corporate Clinical Audit budget was approximately £360k, the majority of which was spent on staff costs.

2.6 Clinical Audit Team away day / action plan

The Clinical Audit Team held an away day in November 2008, following the success of a similar event the previous year. During the day, the team considered changes in the national landscape of clinical audit resulting from the Department of Health's 'reinvigoration' agenda; implications of the Darzi Report; the Sheffield Clinical Audit good practice indicators; and planning for a potential random Care Quality Commission inspection of Core Standard C5d.

As a result of the day, an action plan was developed to guide the team's activities for the remainder of the financial year (see Appendix G).

2.7 Forward plan for 2008/9

Each year, clinical specialties are required to put together a forward programme of planned clinical audit for the next twelve months. These plans set out priority projects, based on considerations such as anticipated NICE guidance, national clinical audits, etc. The forward programme for 2009/10 can be found at Appendix H. A significant addition for 2009/10 is the development of a comprehensive programme of Trust-wide clinical audits, which will be facilitated by the Clinical Audit Manager, and overseen by the Chair of the Clinical Audit Committee. In addition to the forward plan, other audits may be undertaken during the year on an ad-hoc basis, together with any projects still in progress from the previous year.

2.8 National and Regional involvement

During 2008/9 the Assistant Director headed a successful partnership bid with four other NHS Trusts and the Northern Ireland Guidelines & Audit Network to develop Clinical Audit Strategy and Policy guidance/templates on behalf of the Healthcare Quality Improvement Partnership, for the NHS-wide application. The products are due to be published by HQIP in July 2009. The Assistant Director has also actively contributed to an HQIP project to determine high quality markers for clinical audit practice.

During 2008/9 the Assistant Director was appointed as General Secretary of the National Audit Governance Group (a national peer group consisting of representatives from regional clinical audit forums), leading a significant piece of work to update NAGG's membership and governance arrangements, ensuring transparency and fitness for purpose. NAGG continues to work closely with HQIP, NICE and other relevant national bodies to further the development of clinical audit within the NHS.

During 2008/9, the Assistant Director and Clinical Audit Manager have also ensured that the Trust has been represented in discussions hosted by the South West Audit Network (SWANS).

2.9 Involving patients

Since the Trust achieved Foundation status, approximately 350 Members have expressed an interest in the process of auditing the Trust's services (although not clinical audit per se). A significant challenge for 2009/10 is therefore how to engage these members and explore ways in which they might wish to contribute to future clinical audit programmes.

Chris Swonnell
Assistant Director for Audit and Assurance

June 2009

3. Project Reports for 2008/2009

3.1 NICE & National Service Framework, National and NPSA audits

The project numbers listed in the table below provide a quick reference guide to the Trust's participation in national audit projects, audits of National Institute for Clinical Excellence (NICE) and National Service Framework (NSF) guidance, and audits of National Patient Safety Agency (NPSA) guidelines. Further details of these specific projects can be found within Divisional project lists.

Audits of NICE/NSF guidance									
733	821	824	914	1445	1491	1638	1776	1667	1678
1717	1744	1770	1809	1821	1831	1841	1859	1862	1864
1866	1874	1880	1896	1904	1924	1926	1929	1945	1953
1954	1976	1992	1996	2011	2033	2028	2039	2045	2053
2056	2072	2075	2077	2078	2084	2090	2099	2107	2109
2111	2114	2134	2147	2138	2155	2162	2165	2167	2169
2172	2173	2180							
National Audits									
207	223	366	549	550	809	947	982	1142	1445
1574	1578	1593	1765	1819	1841	1889	1892	1897	1898
1899	1900	1901	1902	1945	1948	2043	2054	2095	
NPSA audits									
1960	1967	1977	2164						

There are a number of other 'national audits' in which UHBristol participates, but which are not managed through the Clinical Audit Team. This will usually be where the 'audits' are large-scale data collection exercises, rather than genuine clinical audit. A full list of national audits that the Trust participates in can be found in Appendix H.

3.2 Introduction to Divisional Reports

3.2.1 Introduction & explanation of statistics

All project information for this report is taken from the UHBristol Clinical Audit Project Management Database. The statistics and list of projects are based on the number of audits in progress during the financial year 2008/9. This includes projects started in previous years (2007/8 roll-overs) and projects completed in 2008/9. It does not include projects abandoned or deferred during the year or those with a status of 'Transferred to SR database' at the end of the financial year - for details of these, please see Appendix B, Appendix C and Appendix D. Audits started in 2008/9 are defined as those that first appeared in a progress report in that financial year (i.e. Sept 2008, November 2008, February 2009 or April 2009 reports).

Projects are listed by Division. Appendix A gives details of the clinical audit staff supporting Divisions/specialties.

Definition of terms:

Re-audit: The repetition of an audit project in order to measure whether practice has improved since the initial audit

Ongoing (continuous) audit: The continuous collection of data in order to measure practice. Ongoing audit should involve regular review of data and implementation of changes in practice (where necessary) in order to improve performance

National: Denotes national audits, e.g. Healthcare Commission National Audits, Royal College and other professional bodies' national audits

Regional: This relates to audits carried out in collaboration with other health organisations within the region

Interface: Audit of care across organisational boundaries in the patient pathway, e.g. patient referrals in from primary care to UHBristol.

Multi-specialty: Involving a specialty/specialties other than the specialty under which the project has been registered

Multi-professional: Involving more than one profession (e.g. nurses and doctors)

Projects with patient involvement: Patients/carers involved in one or more of the following: identification of audit topic; developing audit idea/project design; carrying out audit project; receiving audit results

3.2.2 Comment on data in table 3.2.3

The total number of registered projects in 2008/9 is similar to 2007/8 (432 compared to 451 the previous year). The re-audit rate of 24% remains consistent with last year and reflects what we would hope to see. There has been a percentage increase in a number of indicators, most notably in the proportion of audits undertaken on a multi-professional basis and those audits looking at care across organisational boundaries (Interface audits). Both of these indicators were identified as priorities for improvement in 2007/8. Although the figures show that there has been a decrease in the proportion of completed projects resulting in the production of an action plan, it should be noted that the proportion of audits confirming good/acceptable practice has increased by 9% on last year.

3.2.3 Summary 'dashboard' of indicators

	Total number of projects *	Ongoing (continuous) audits	First audits	Re-audits	Abandoned	Deferred	Audits of NICE / NSF guidance	National	Regional	Interface	Multi-specialty	Multi-professional	Projects with patient involvement	Completed projects	Action Plan produced	Confirmed good/acceptable practice #	Report produced
Diagnostic and Therapy	49	4%	76%	20%	5	0	10%	2%	0%	5%	27%	49%	6%	23	83%	13%	96%
Medicine	65	3%	74%	23%	3	0	17%	12%	3%	0%	15%	31%	2%	37	92%	11%	100%
Specialised Services	53	15%	72%	13%	2	1	21%	13%	2%	0%	15%	68%	6%	18	83%	16%	89%
Surgery and Head and Neck	119	2%	67%	31%	4	3	12%	0%	2%	3%	39%	38%	7%	55	69%	16%	87%
Women and Children's	139	9%	68%	23%	8	8	15%	9%	4%	1%	19%	26%	7%	64	77%	23%	89%
Non-division specific	7	28%	44%	28%	0	0	14%	14%	0%	14%	71%	71%	14%	0%	0%	0%	0%
TOTAL	432	7%	69%	24%	24	12	15%	7%	2%	2%	25%	38%	6%	196	79%	17%	92%
TOTAL (07/08)	451	7%	69%	24%	27	12	13%	5%	3%	0%	23%	34%	6%	226	87%	8%	90%

* In progress or completed during the year. All percentages are based on this total, apart from those in the last 4 columns which are based on only those audits completed during the year.

please note: this statistic applies only to projects where an action plan was not produced, i.e. there will also have been a number of projects which produced an action plan, but where practice was nevertheless identified as being of an acceptable standard.

3.3 DIAGNOSTIC & THERAPY

SUMMARY FIGURES

	2007/8 roll-overs <<	22
Audits first registered in 2008/9	First audits F	20
	Re-audits R	7
	Ongoing monitoring projects O	0
Total number of audits		49
Completed audits		23
Current (uncompleted) audits carried forward >>		26

The project list below details audits that are led by Diagnostic & Therapy staff and are not related to any specific clinical division. Other audits led by, or otherwise involving, Diagnostic and Therapy staff are listed under the clinical division to which they pertain and, where possible, cross-linked via the table below the list of projects registered within this division.

PROJECT LIST

The "Ref." refers to the registration number of the project on the Audit Project Management Database
X indicates the audit is of the type specified

Ref	Project Title	Lead	<<	F	R	O	>>
Specialty: Audiology (Adult)							
1999	Real Ear Measurements	Dunja Nieuwoudt		X			X
Specialty: Laboratory Medicine							
Sub-specialty: Histopathology							
1777	Histological reporting of ovarian cancer against Royal College minimum dataset	Joya Pawade Nahida Banu	X	X			X
1825	Histopathological Reporting of Borderline Ovarian Tumour	Joya Pawade	X	X			X
2091	Clinical and pathological relevance of histopathological reporting of the placenta	Joya Pawade		X			X
Sub-specialty: Infection Control							
733	Infection Control Ward/Department audit	Michelle Lindsay	X	X		X	X
992	Are all Trust employees complying with the Infection Control Hand Hygiene Policy?	Stephanie Carroll Carly Hall	X	X		X	X
1903	Methicillin-resistant Staphylococcus aureus care pathway	Karen Fletcher		X			X
Sub-specialty: Laboratory Haematology							
1762	Retrospective audit of prescribing practice of Fresh Frozen Plasma in the Trust	Josephine Crowe	X	X			
1813	Antenatal Haemoglobinopathy request entry	Alex Macphie Sharif Goolam-Hossen	X	X			X
1888	Retrospective six month audit of the incidence of rejected group and save samples received by Trust blood transfusion laboratory	Elizabeth Worsam	X	X			
2019	Compatibility procedures in blood transfusion for children with haemoglobinopathies	Ei Ei Htwe		X			

Ref	Project Title	Lead	<<	F	R	O	>>
2038	Re-audit of Labelling Errors on Blood Transfusion Samples (August 2007 - June 2008)	Elizabeth Worsam Melanie Pearl			X		
Sub-specialty: Microbiology							
1887	Audit on standards of documentation, appropriateness of microbiological advice on positive Gram-negative blood cultures	Melanie Pearl	X	X			
2092	Audit of bacteriology reports	Barbara Kirkpatrick			X		
Specialty: Medical Physics & Bioengineering							
1990	Treatment of greater than 70% symptomatic internal carotid artery stenosis	Maria Morgan		X			X
Sub-specialty: Vascular Studies							
914	Diagnosis and Treatment of Pseudoaneurysm	Teresa Robinson	X	X			X
1685	Pre cardiac surgery carotid artery duplex and management of patients with significant carotid disease.	Eleanor Walker	X	X			X
Specialty: Nutrition & Dietetics							
1490	Process Audit of the Management of Dietetic Outpatient Services at Bristol Royal Infirmary	Pat Howard	X	X			
1491	Audit of Oral Nutrition Support Practices at Bristol Royal Infirmary	Toni Osmane	X	X			
1737	Prescribed oral nutritional supplements at Bristol General Hospital	Julie Barker	X		X		
Specialty: Occupational Therapy							
1756	Audit of Occupational Therapy Stroke Service	Kelly O'Leary Bronagh Martin	X	X			
Specialty: Pharmacy							
1731	Prescribing of restricted antibiotics	Elizabeth Jonas	X	X			
1797	Audit of Trust outpatient anticoagulant service	Maeve Savage	X	X			
1920	Audit of Antibiotic Prescribing Guidelines for Adult Cardiac Surgery	Jacqueline Criper Ruth Coxhead		X			X
2012	Audit of prescribing and administration of medicines policies	Alastair Gray		X			X
2110	The use of cephalosporins, quinolones and clindamycin within the Bristol Royal Infirmary	Elizabeth Jonas		X			X
2111	Medicines Reconciliation Process on Admission in the Medical Division at University Hospitals Bristol NHS Foundation Trust	Miriam Michael		X			X
2112	Medicines Reconciliation Process on Discharge (Medical Division)	Sophie Blow		X			X
Specialty: Physiotherapy							
1667	Falls Programme in the William Lloyd Unit	Linda Clarke Catherine Sims	X	X			

Ref	Project Title	Lead	<<	F	R	O	>>
1747	Upper limb rehabilitation following stroke	Marianne Mardon	X		X		
1946	Discharge process for patients on the elderly rehabilitation wards at Bristol General Hospital	Lin Leong		X			
2010	Physiotherapy management of the general medical patient	Katy Brown		X			
2026	Audit of the Physiotherapy Standards for the Management of an Acute Exacerbation of Chronic Obstructive Pulmonary Disease	Louise Coates		X			X
2082	Re-Audit of Physiotherapy Case Notes 2008	Linda Clark			X		X
2128	A re-audit of physiotherapy management of general medical patient	Katy Buchan			X		X
Specialty: Radiology							
Sub-specialty: Cross-sectional Imaging							
1845	Exposure of the lens to ionising radiation during CT head scanning	Adam Wallis	X		X		
2022	Re-audit of Computed Tomography Pulmonary Angiography requests	Janice Ash-Miles			X		
2066	Adequacy of Exercise Stress during Myocardial Perfusion Scintigraphy	Alexis Corrigan		X			
2123	Audit of cardiac computerized tomogram	Adrain Pollentine		X			X
2142	Re-audit of bone scans at Bristol Royal Infirmary	James Harding Charles Wakeley			X		X
Sub-specialty: General Radiology							
982	Audit of Percutaneous Nephrostomy	Julian Kabala Sally King	X	X			
2063	Continuous assessment of the Radiographer Reporting Team against Royal College of Radiologists standards	Simon Brown		X			X
2064	Success and complications following radiologically-guided Percutaneous Nephrostomy Insertion	Huw Roach		X			
2065	Information on plain X-ray request forms from the Emergency Department at the Bristol Royal Infirmary	Charles Wakeley		X			X
2124	Abdominal X-ray evaluation in the Trust	Huw Roach Fleur Kilburn- Toppin		X			X
2141	Dosage for Barium Enema	Adrian Pollentine		X			X
Sub-specialty: Mammography							
1865	Audit of attendance rate for Breast Screening	Suma Chakrabarathi	X	X			
Sub-specialty: Ultrasound							
2067	Re-audit of Pain diaries after Ultrasound Guided Injection	Charles Wakeley			X		X

Ref	Project Title	Lead	<<	F	R	O	>>
Specialty: Speech & Language Therapy (Adult)							
1883	Management of adult dysphagia patients	Anna Daniell	X	X			

The list below indicates projects where there is participation from staff in Divisions or Specialties other than those registering the project

Division listed under	Ref	Project Title	Participating specialties
Medicine	1868	Audit of Turnaround Times for Dermatology Histopathology Specimens (Joint dermatology and histopathology audit)	Laboratory Medicine
Medicine	1927	Chest USS for pleural effusion	Radiology
Medicine	2056	Re-audit Dermatology MDM	Laboratory Medicine
Medicine	2101	Vitamin supplementation in patients with alcohol abuse	Pharmacy
Non-division specific	1620	Infection Control Clinical Care Audit	Laboratory Medicine
Specialised Services	1843	Off-protocol chemotherapy prescribing	Pharmacy
Specialised Services	1866	Drug Therapy in the Secondary Prevention of Myocardial Infarction	Pharmacy
Specialised Services	1879	Radiotherapy to reconstructed breast	Medical Physics & Bioengineering
Specialised Services	2166	NCEPOD - Chemotherapy patient care	Pharmacy
Surgery and Head and Neck	1231	MRSA audit	Laboratory Medicine
Surgery and Head and Neck	1561	An audit of clinical outcomes in patients with pancreatic adenocarcinoma undergoing Percutaneous Transhepatic Cholangiography	Radiology
Surgery and Head and Neck	1705	Are plain X-rays being appropriately requested prior to discharging patients in the Trauma and Orthopaedic Department	Radiology
Surgery and Head and Neck	1735	A re-audit of the patient pathway from GP referral to treatment decision and then to start of treatment for patients with upper GI cancer	Radiology
Surgery and Head and Neck	1744	Nutritional assessment of patients with head and neck cancer and adherence to NICE guidelines	Nutrition & Dietetics
Surgery and Head and Neck	1835	Culture positivity rate and documentation of microbial keratitis at Bristol Eye Hospital - re-audit	Laboratory Medicine
Surgery and Head and Neck	1955	Neck Lump Clinic and FNA results in the Oral and Maxillo Facial Surgery Department	Laboratory Medicine

Surgery and Head and Neck	1970	Audit of Radiofrequency Ablation of Varicose veins VNUS CLOSURE Fast	Medical Physics & Bioengineering
Surgery and Head and Neck	2033	Improving Hand Hygiene at the Bristol Royal Infirmary (Audit and Re-Audit)	Laboratory Medicine
Surgery and Head and Neck	2138	The use of coagulation testing in pre-operative assessment (NICE CG3)	Laboratory Medicine
Surgery and Head and Neck	2140	Antimicrobial prophylaxis in patients at high risk of MRSA colonisation with insertion of metalwork	Laboratory Medicine
Surgery and Head and Neck	2174	Patient experience during attendance at a consultant clinic	Radiology
Surgery and Head and Neck	2178	An audit of Gentamicin prescribing & monitoring in UH Bristol	Laboratory Medicine
Women's and Children's	633	Audit of blood usage on Central Delivery Suite	Laboratory Medicine
Women's and Children's	1391	Audit of physiotherapy management of stress urinary incontinence (SUI)	Physiotherapy
Women's and Children's	1663	An audit of consent for fetal post-mortem.	Laboratory Medicine
Women's and Children's	1765	The management of gestational trophoblastic disease	Laboratory Medicine
Women's and Children's	1827	Audit of management of patients' undergoing external fixation from pre - admission to three months post discharge	Occupational Therapy Physiotherapy
Women's and Children's	1882	Current management of congenital talipes equinovarus (CTEV)	Physiotherapy
Women's and Children's	1941	The use of Ciclosporin in children and young people with difficult to treat asthma	Pharmacy
Women's and Children's	2078	Appropriateness of third trimester scans - (NICE CG 62)	Radiology

Summary of benefits, actions or changes achieved in 2008/9

982 - Results from this national audit of Percutaneous Nephrostomy confirmed that we are treating our patients according to best practice

1490 - Training sessions have been introduced to raise staff awareness as to the correct procedures for cancelling clinics and processing of 'do not attend' letters at the Dietetic Outpatient Services in Bristol Royal Infirmary.

1491 - This audit has led to the adoption of the Bristol General Hospital guidance for use of proprietary oral nutritional supplements within the Bristol Royal Infirmary.

1575 - This audit resulted in the Introduction of a Radiographer's Image Interpretation Form as an Addendum to the Red Dot. This will provide more in depth communication of the radiographer's opinion, helping to inform patient diagnosis and assist the Emergency Department in deciding the most appropriate treatment and management.

1667 - A clinic assessment proforma was developed as a result of this audit.

1731 - Information about the Policy for the Restriction of Antibiotic Prescribing has been included in the handout for new doctors to raise staff awareness.

1737 - The care plan for oral nutritional supplements and education leaflet has been updated and re-launched. An information campaign has raised awareness of the implications of giving patients the wrong supplements.

1747 - This audit demonstrated that improvements in areas of our upper limb rehabilitation service provided to stroke patients have been achieved.

1756 - The induction checklist for rotational occupational therapy staff has been updated to help ensure completion of the Stroke Integrated Care Pathway.

1762 - This audit has identified areas for improved training in the use and documentation of Fresh Frozen Plasma (FFP).

1797 - A tick-box relating to the provision of written patient information has been added to the Oral Anticoagulation Therapy Outpatient Counselling checklist.

1798 - Specific Occupational Therapy communication sheets have been introduced in Kartex as a result of this audit.

1865 - A direct health promotion programme has been introduced in the Charlotte Keel Health Centre.

1887 - The results of this audit have led to improvements being made to laboratory documentation, helping to improve the service.

1888 - This audit demonstrated that improved communication with the wards via the Transfusion Practitioner and a change to paediatric bottle labels has reduced the incidence of rejected samples.

1946 - Falls education groups have been set up in wards in BGH as a result of this audit. The discharge process flow chart has been updated and a session on the process of discharging patients has now been included in the induction programme for all new staff.

2010 - A teaching session on balance assessments has been added to the weekly in-service training programme during each Band 5 nurse rotation period.

2019 - This audit has led to improved identification of sickle cell patients requiring phenotyping.

2022 - The implementation of the new request form for Computed Tomography Pulmonary Angiography has shown to be effective in improving the compliance with the British Thoracic Society guidelines.

2038 - This re-audit confirmed sustained improvement in practice for paediatric and adult patients regarding blood transfusion samples labelling.

2064 - These audit results showed that complications rates following radiologically-guided Percutaneous Nephrostomy Insertion met published international standards.

2092 - This audit confirmed good practice against Clinical Pathology Accreditation standards for bacteriology reports.

3.4 MEDICINE

SUMMARY FIGURES

2007/8 roll-overs <<		18	
Audits first registered in 2008/9	First audits F	36	
	Re-audits R	11	
	Ongoing monitoring projects O	0	
Total number of audits		65	
Completed audits		37	
Current (uncompleted) audits carried forward >>		28	(includes 2 ongoing monitoring projects)

PROJECT LIST

"Ref." refers to the registration number of the project on the Audit Project Management Database
X indicates the audit is of the type specified

Ref	Project Title	Lead	<<	F	R	O	>>
Specialty: Emergency Department (Adult)							
1678	Management of Dyspepsia in the Bristol Royal Infirmary Emergency Department	Chris Chubb	X	X			
1778	Paracetamol Overdose Audit (Re-audit)	Liz Laurence	X		X		
1873	Re-Auditing Goal Directed Therapy for Severe Sepsis in ED	Sophie Scutt	X		X		
1897	Moderate & Severe Asthma in Adults 2007	Sarah Woolley Anne Frampton		X			
1906	Management of acute lower back pain in BRI emergency department	Melissa Marlow		X			
1952	Pregnancy screening in the ED	Angela Lee		X			
1956	Accuracy of acute knee injury management in the Adult ED	Cary McClellan		X			
2024	Re auditing management of Renal Colic in the Emergency Department	Katie Davies			X		
2025	Advice given on discharge from the ED regarding driving after "first fit"	Tim Howes		X			
2030	Management of Acute Pancreatitis in UBHT ED	Lee Salkeld Fiona Richie		X			
2028	Does the ED request imaging of head injury patients as the NICE CG56 guideline recommends?	Marinne Lynch		X			
2031	Our practice using ottowa ankle rules for ankle injuries gold standard	Andrew Lyon		X			
2032	Management of severe hypoglycaemic patients presenting to the adult ED	Michaela Johnson		X			
2130	Re-audit of ED Blood Transfusion Requests	Maeve Hegarty			X		X

Ref	Project Title	Lead	<<	F	R	O	>>
2131	Re audit of tetanus use in the Emergency Dept	Johanna Lloyd-Rees			X		X
Specialty: Medical Specialties							
Sub-specialty: Care of the Elderly							
1828	Audit of discharge summary accuracy re presence of diabetes.	Tim Brummitt	X	X			
1870	Assessment and management of patients with acute stroke	Sarah Gillet	X	X			X
1871	NCEPOD (National Confidential Enquiry into Patient Outcome and Death) guidelines and documentation on the post take ward round	Sarah Gillett	X	X			X
1889	The National Clinical Audit of Falls & Bone Health in Older People	Rachael Bradley			X		X
1899	National Sentinel Audit of Stroke (Round 6)	Sarah Caine			X		X
1995	Auditing the effectiveness of the Stroke Thrombolysis Service	Stephanie Jordan Peter Murphy		X			
1998	Insertion and follow-up of urinary catheters in elderly stroke patients	Victoria Taylor Pauline Baker		X			
2039	Assessment & Diagnosis Of Dementia In The Acute Hospital Trust	Natasha Spalding Jane Buswell		X			X
2053	Management of osteoporosis in people with previous hip fracture treated at the BRI	Tom Miller		X			X
Sub-specialty: Contraceptive & Sexual Health Services (CASH)							
1443	Re-audit of the management of women requesting abortion	Rosemary Willshaw	X		X		
1875	Audit of record keeping of repeat issue of Progestogen-only injectable contraception under Patient Group Direction (PGD) 3	Leonor Herrera-Vega	X	X			
1964	Re-audit of record keeping of repeat issue of combined oral contraception under Patient Group Direction (PGD) 2A	Leonor Herrera-Vega			X		X
Sub-specialty: Dermatology							
1823	Management of urticaria and angioedema in adults	Mohamed Alwari	X	X			
1824	Management of incompletely excised basal cell carcinomas	Helen Whitley	X	X			
1868	Audit of Turnaround Times for Dermatology Histopathology Specimens (Joint dermatology and histopathology audit)	Suzanne Cheng	X	X			
2042	Audit of waiting time in dermatology outpatient clinic at the Bristol Dermatology Centre	Kate Evans David DeBerker		X			X
2056	Re-audit Dermatology MDM	Mohamed Alwari			X		X
Sub-specialty: Diabetes & Endocrinology							
821	Regional audit of Diabetic Pregnancies	Kurien John	X	X		X	X
824	South West Regional Audit of Diabetic Lower Limb Amputations	Kurien John	X	X		X	X

Ref	Project Title	Lead	<<	F	R	O	>>
1896	Re-audit of insulin pump therapy (NICE TAG 57)	Muhammed Butt			X		
1926	Audit of diabetic ketoacidosis management	Andrew Low		X			
2052	Think Glucose- Management of Diabetic Inpatients	Suzanne Phillips			X		
Sub-specialty: Gastroenterology & Hepatology							
1898	UK Comparative Audit of Upper Gastrointestinal Bleeding and the Use of blood	Peter Collins Anne McCune		X			X
1901	UK Inflammatory Bowel Disease (IBD)	Peter Collins Helen Johnston		X			X
1994	Monitoring use of cytotoxic drugs (Methotrexate) in IBD	Anindya Dixit Richard Parker		X			
1997	Ward 28 Prescribing Audit	Lauren Cooper- Jones		X			
2101	Vitamin supplementation in patients with alcohol abuse	Richard Parker		X			X
Sub-specialty: General Medicine							
1951	Re-audit of Thromboprophylaxis in adult medical patients	Aneurin Buttress			X		
2054	Audit of oxygen prescription for medical patients in Bristol Royal Infirmary	Thomas Teare		X			X
2104	Early Acute Coronary Syndrome (ACS) management	Kimberly Bruce		X			X
Sub-specialty: Genitourinary Medicine							
1869	Audit on the diagnosis and Management of patients attending the Milne Centre with Gonorrhoea	Sara Louise Scofield	X	X			
2041	Management of Genital Chlamydia trachomatis	Andrew Leung Joe Mullineux		X			
2044	Management of Bacterial vaginosis audit	Alice Gardner		X			
2089	Management of Late syphilis	Indrajith Karunaratne		X			X
2096	STI (Sexual Transmitted Infection) screening for the female prisoners identified as being "at risk" for STIs and BBV in their last attendance	Amy Nunn		X			
2129	Audit of Management of Genital Herpes	Jane Nicholls		X			X
2132	Audit on management of vulvovaginal candidiasis in women attending the Bristol Sexual Health Centre	Kendon Macdonald		X			X
Sub-specialty: Respiratory							
1461	Re-audit of Lung cancer 2 week waits	Shaney Barratt Josi Anurag	X		X		
1553	Completion of treatment in Tuberculosis	Brett Rocos	X	X			

Ref	Project Title	Lead	<<	F	R	O	>>
1818	Audit of insertion and care of chest drains in BRI Respiratory Wards	Mathew Cates	X		X		
1872	Re-audit of CPAP usage and allocation CPAP in patients issued with long term CPAP	Kathryn Bateman	X		X		X
1900	National Chronic Obstructive Pulmonary Disease (COPD) Audit	James Catterall			X		X
1927	Chest USS for pleural effusion	Kathryn Bateman		X			X
2043	Diagnosis and management of lung cancer	Hazel Woodland		X			X
2055	Audit of sputum collection at the Bristol Adult Cystic Fibrosis Centre	Iara Maria Sequeiros		X			
2113	The management of Spinal Cord Compression – are we meeting the guidelines?	Hannah Smith		X			X
2116	Do cystic fibrosis patients have chest x-rays, liver ultrasound and DEXA scans annually?	Iara Maria Sequeiros		X			X
Sub-specialty: Rheumatology							
1904	Anti TNF in psoriatic arthritis.	Maria Juarez		X			
1996	Switching of anti-TNF therapies in patients with Rheumatoid Arthritis	Robert Marshall Catherine Morgan		X			
2040	Audit of care of Ankylosing Spondylitis patients at the Bristol Royal Infirmary.	Melissa Domaille		X			X

The list below indicates projects where there is participation from staff in Divisions or Specialties other than those registering the project

Division listed under	Ref	Project Title	Participating specialties
Diagnostic and Therapy	733	Infection Control Ward/Department audit	Medical Specialties
Diagnostic and Therapy	992	Are all Trust employees complying with the Infection Control Hand Hygiene Policy?	Medical Specialties
Diagnostic and Therapy	1667	Falls Programme in the William Lloyd Unit	Medical Specialties
Diagnostic and Therapy	2065	Information on plain X-ray request forms from the Emergency Department at the Bristol Royal Infirmary	Emergency Department (Adult)
Diagnostic and Therapy	2110	The use of cephalosporins, quinolones and clindamycin within the Bristol Royal Infirmary	Medical Specialties
Diagnostic and Therapy	2124	Abdominal X-ray evaluation in the Trust	Medical Specialties Emergency Department (Adult)
Non-division specific	1620	Infection Control Clinical Care Audit	Medical Specialties
Non-division specific	2095	2008 Bedside Transfusion Re-audit	Medical Specialties
Specialised Services	223	Central Cardiac Audit Database/Myocardial Infarction National Audit Project (MINAP)	Emergency Department (Adult)

Specialised Services	2085	Early ACS Management	Medical Specialties Emergency Department (Adult)
Surgery and Head and Neck	1409	Patient Care pathway for fractured Neck of Femur	Emergency Department (Adult)
Surgery and Head and Neck	1710	Audit of Orthopaedic Coding	Medical Specialties
Surgery and Head and Neck	1832	Management of suspected scaphoid fractures	Emergency Department (Adult)
Surgery and Head and Neck	2155	Effectiveness of use of Bristol Observation Chart: Transfers to ITU or HDU [NICE CG50]	Medical Specialties
Surgery and Head and Neck	2178	An audit of Gentamicin prescribing & monitoring in UH Bristol	Medical Specialties

Summary of benefits, actions or changes achieved in 2008/9

1443 - This re-audit has resulted in further actions from the Service Commissioners within the PCT to integrate other providers (Marie Stopes International or MSI) into the care pathway. The pilot collaboration with MSI commenced in May 2008 and has reduced waiting times further.

1461 - Although all patients were seen within the two week target, large variations remain; therefore currently in the process of liaising with local GPs and radiologists to perform CT staging scans prior to clinic for those patients who cannot obtain an appointment until the second week.

1553 - This audit helped to identify the need for a Tuberculosis specialist nurse, a position which has now been filled.

1828 - A redesign of the existing discharge summary form is in progress to incorporate either a tick box system for common co-morbidities, or a specific blank area for co-morbidities.

1869 - A revision of the current GU clinic guidelines for Gonorrhoea has been completed.

1875 - This audit confirmed general good practice in record keeping for patients on repeat issue of progesterone only injectable contraception.

1896 - A proforma for patients to complete detailing their total daily insulin dose and hypoglycaemic episodes has been designed as a result of this audit.

1906 - The development of a new patient information booklet for use in the emergency department is underway.

1926 - Highlighted the need to treat patients according to the new NICE guidelines for the management of diabetic ketoacidosis.

1951 - An awareness-raising campaign has been instigated within hospitals to raise awareness of venous thromboembolism. A DVT prophylaxis tick sheet will be attached to patient drug charts on admission.

1994 - In the process of developing new methods for patients with inflammatory bowel disease to remind them to have blood taken to improve monitoring. In addition there is an assessment in progress to determine the appropriateness of a virtual clinic.

1998 - The catheter section on Emergency Department notes is being redeveloped to include "consent", "date", "time" and "name of person inserting".

2024 - Discussion are ongoing between Urology, Emergency Departments and Primary Care regarding direct referral of patients to Urology outpatient clinics if they meet the criteria for renal colic.

2025 - The discharge advice sheet and "First Fit" proforma has been updated and changes now in progress to place the revised proforma in the patient notes.

2031 - Good practice was confirmed for the use of the Ottawa ankle rules for patients with ankle injuries.

3.5 SPECIALISED SERVICES

SUMMARY FIGURES

2007/8 roll-overs <<		27
Audits first registered in 2008/9	First audits F	19
	Re-audits R	7
	Ongoing monitoring projects O	0
Total number of audits		53
Completed audits		18
Current (uncompleted) audits carried forward >>		35

(includes 8 ongoing monitoring projects)

PROJECT LIST

"Ref." refers to the registration number of the project on the Audit Project Management Database
X indicates the audit is of the type specified

Ref	Project Title	Name	<<	F	R	O	>>
Specialty: Cardiac Services							
Sub-specialty: Cardiac Anaesthesia							
1782	Cardiac Intensive Care Unit standards of care	Ian Ryder	X	X			X
Sub-specialty: Cardiac Surgery (Adult)							
549	Central Cardiac Audit Database/Society of Cardiothoracic Surgeons National Adult Cardiac Surgery Audit Database	Alan Bryan	X	X		X	X
550	UK Heart Valve Registry	Alan Bryan	X	X		X	X
1556	Perfusion Charts (Re-audit)	Richard Downes	X		X		
2120	Preoperative management of type 2 diabetes mellitus patients undergoing coronary surgery	Amit Kura		X			X
Sub-specialty: Cardiology							
207	Central Cardiac Audit Database/British Heart Foundation Cardiac Rehabilitation Database	Fiona Barnard	X	X		X	X
223	Central Cardiac Audit Database/Myocardial Infarction National Audit Project (MINAP)	Jenny Tagney	X	X		X	X
366	Central Cardiac Audit Database/British Heart Foundation Heart Failure Database	Toni Dorrington	X	X		X	X
809	Central Cardiac Audit Database/British Cardiovascular Interventionist Society National Angioplasty Database	Andreas Baumbach	X	X		X	X
1578	Central Cardiac Audit Database/Heart Rhythm UK Cardiac Rhythm Management	Tim Cripps	X	X		X	X
1717	Re-audit of the use of anti-thrombotic and anti-platelet agents as adjuvant therapy during and after percutaneous coronary intervention	John Edmond	X		X	X	X
1733	Closure of atrial septal defects in patients with pulmonary hypertension	Stephanie Curtis	X	X			X
1864	Biventricular Pacemaker NICE audit	Esther Shamoon	X	X			X

Ref	Project Title	Name	<<	F	R	O	>>
1866	Drug Therapy in the Secondary Prevention of Myocardial Infarction	Angus Nightingale	X	X			
2085	Early ACS Management	Sujatha Kesavan		X			X
2088	Are appropriate referrals made for 24hour holter monitoring	Marie Meader		X			X
2119	Are all patients with coarctation being screened for intracranial aneurysms	Stephanie Curtis		X			X
2157	Acute Coronary Syndrome (ACS) Patient Pathway	Valentino Oriolo		X			X
Specialty: Homeopathy							
925	The use of a patient generated outcome measure to monitor outcome and completion of package of care and facilitate goal setting in routine practice	Elizabeth Thompson	X	X			X
1625	Homeopathy in Management of Childhood Eczema	Will Muir	X	X			X
1885	NHS Litigation Authority (NHSLA) Documentation audit 2007/8	Sue Barron	X	X			
Specialty: Oncology & Clinical Haematology							
1749	Completeness of chemotherapy summary charts	Louise Medley	X	X			X
1774	Adherence to Local (ASWCS) Guidelines for the Treatment of Germ Cell Testicular Tumours	Michael Carter	X	X			
1809	Docetaxel in Prostate Patients - NICE TAG 101	Paula Wilson	X	X			X
1821	A Survey of Patient Experience of Psychosocial Care in Cancer - NICE guidance (2004) 'Improving supportive and palliative care for adults with cancer'	Elaine Walsh	X	X			
1842	Radiographer-led planning	Simon Smith	X	X			
1843	Off-protocol chemotherapy prescribing	Kate Scatchard	X	X			
1867	NHSLA 2008	Hayley Long	X	X			
1879	Radiotherapy to reconstructed breast	Ahmed Abdel Aziz	X	X			
1880	Communication and support received by breast cancer patients - NICE Improving outcomes Guidance	Alison Cameron	X	X			X
1915	Do not Attempt Cardiopulmonary Resuscitation (DNAR) - Completion of documentation on Ward 61	Gemma Gregory			X		
1981	Blood Transfusions BHOC - Information Collected	Paula Wilson		X			X
1983	Allergy Recording - re-audit	Jeanine Stone Reela Verghese			X		X

Ref	Project Title	Name	<<	F	R	O	>>
1987	The use of steroids in patients receiving whole brain radiotherapy for brain metastases	Rosemary Walters		X			
2020	Pregnancy -Consent for radiotherapy - re-audit	Karen Bannerman			X		X
2021	Consent for radiotherapy	Sue Humphreys			X		
2109	Capecitabine, Oxaliplatin, 5FU in adjuvant treatment of stage III (Dukes C) colon cancer - NICE TAG 100	Jessica Mason		X			X
2136	Out of Hours Telephone Calls to Ward 61	Tara Shine		X			X
2161	NHSLA 2009	Amelia Stockley		X			X
2162	Head & Neck Cancer - Dental Assessment	Heather Kent		X			X
2165	Gemcitabine+ Paclitaxel for the treatment of metastatic breast cancer (NICE TAG 116)	Kate Scatchard		X			X
2166	NCEPOD - Chemotherapy patient care	Clare Barlow Suzanna Alexandra		X			X
2167	Temozolomide for newly diagnosed High Grade Glioma (NICE TAG 121)	Emma Gray Kirsten Hopkins		X			X
Sub-specialty: Clinical Haematology							
1848	Use CMV negative blood components in allogeneic and prospective allogeneic transplant patients	Jane Norman	X	X			
2084	Identification Of Potential/Obligate Haemophilia carriers	Inas El-Najjar		X			X
2163	Assessment and Prescribing of Thromboprophylaxis - VTE Prophylaxis - Inpatients AHU	Kathy Hodby		X			X
2171	Sickle Cell (Acute) Management	Sajid Pervaiz		X			X
Sub-specialty: Oncology							
2051	Re-audit of Neutropenic Guidelines	Ramayana Modgil			X		
2083	Prescribing and signing of 1st prescriptions for chemotherapy - BHOC Standard Operating Policy	Rachael Herrington		X			
2086	Head & Neck Radiotherapy review follow-up - re- audit of part of project 145	Abi Jenner			X		X
Sub-specialty: Palliative Medicine							
1840	Re-audit of aspects of opioid prescribing for the management of cancer pain	Carolyn Campbell	X		X		
1932	Management of malignant hypercalcaemia	Rachel McCoubrie		X			
2047	Re-audit of Fentanyl prescription	Ahmed Iqbal			X		

The list below indicates projects where there is participation from staff in Divisions or Specialties other than those registering the project

Division listed under	Ref	Project Title	Participating specialties
Diagnostic and Therapy	992	Are all Trust employees complying with the Infection Control Hand Hygiene Policy?	Cardiac Services Oncology & Clinical Haematology
Diagnostic and Therapy	733	Infection Control Ward/Department audit	Cardiac Services Oncology & Clinical Haematology
Diagnostic and Therapy	1685	Pre cardiac surgery carotid artery duplex and management of patients with significant carotid disease.	Cardiac Services
Diagnostic and Therapy	2110	The use of cephalosporins, quinolones and clindamycin within the Bristol Royal Infirmary	Cardiac Services
Diagnostic and Therapy	1920	Audit of Antibiotic Prescribing Guidelines for Adult Cardiac Surgery	Cardiac Services
Medicine	2113	The management of Spinal Cord Compression – are we meeting the guidelines?	Palliative Medicine
Medicine	2104	Early Acute Coronary Syndrome (ACS) management	Cardiac Services
Non-division specific	1620	Infection Control Clinical Care Audit	Cardiac Services
Non-division specific	2095	2008 Bedside Transfusion Re-audit	Oncology & Clinical Haematology
Surgery and Head and Neck	2172	Antibiotic prophylaxis for patients at risk of developing infective endocarditis [NICE CG64]	Cardiac Services
Surgery and Head and Neck	1855	An audit to evaluate the role of the multi-disciplinary cancer team in recruiting patients into a National Randomised Trial, OEO5	Oncology & Clinical Haematology

Summary of benefits, actions or changes achieved in 2008/9

1840 - Teaching sessions on breakthrough prescribing for junior doctors to be introduced early in rotation as well as sessions for nurses on correct breakthrough opioid prescribing and the need to question prescriptions. The audit raised discussions regarding the need for increased pharmacy input on the ward – this matter has been added to Divisional Risk Register.

1867 - A working party has been set up to review recording of allergies. The Training Manager will also provide a training session on allergy recording and the use of abbreviations in update day for BHOC staff.

1915 - Teaching sessions on the ward to help staff approach the subject of resuscitation will be introduced. Form filling and documentation is to be highlighted at “Lean and Productive Ward” meeting.

1932 - The management of malignant hypocalcaemia is to be included in 5th year medical student core teaching in Palliative Oncology.

2047 - All junior doctors are to receive a copy of the Bristol Palliative Care Collaborative guidelines at induction (or be made aware of the availability of the document on the Trust Document Management System)

2083 - All prescribers of chemotherapy to have training on version 5 ChemoCare electronic prescribing system and will use electronic signatures when prescribing on this system. The Clinical Trials SOPs have been reviewed and specific training is now provided for doctors prescribing for patients in clinical trials.

2162 - The audit led to the introduction of a treatment specific referral form for BHOC patients referred to the Dental Hospital to ensure correct dental assessment pre radiotherapy.

2157 - New guidelines were implemented and an Acute Coronary Syndrome nurse has been appointed as a result of this audit; plan to re-audit later in the year
2197 - This audit led to further education of staff and the production of a patient information leaflet.
2199 - General satisfaction with the one stop clinic, 86% seen within 15 minutes (standard = 90%); plan to re-audit in summer 2009 in the new Bristol Heart Institute.

3.6 SURGERY AND HEAD AND NECK

SUMMARY FIGURES

	2007/8 roll-overs <<	56	
Audits first registered in 2008/9	First audits F	46	
	Re-audits R	17	
	Ongoing monitoring projects O	0	
Total number of audits		119	
Completed audits		55	
Current (uncompleted) audits carried forward >>		62	(includes 2 ongoing monitoring projects)

PROJECT LIST

"Ref." refers to the registration number of the project on the Audit Project Management Database
X indicates the audit is of the type specified

Ref	Provisional Title of Project	Name	<<	F	R	O	>>
Specialty: Adult Ear, Nose and Throat (ENT)							
2121	Documentation of antibiotic stop/review dates and indications	Megan Rowland		X			
2137	Re-audit of use of urgent clinic	Sakthikumar Vedaalm			X		
2182	NHS Litigation Authority (NHSLA) Documentation Audit - 2009	Pugh			X		X
1744	Nutritional assessment of patients with head and neck cancer and adherence to NICE guidelines	Rebekah Stone	X	X			X
1745	Myringoplasty: Experience at St Michael's Hospital	Yulia Nicholson	X		X		
1877	NHSLA Litigation Authority (NHSLA) Documentation Audit	Salman Baig	X		X		
2014	Acoustic neuroma screening in UBHT	Sakthikumar Vedaalm		X			X
2015	Re-audit of ENT urgent clinic	Graham Porter			X		
Specialty: Anaesthesia							
1438	Preoperative airway assessment	Alla Belhaj	X	X			
1706	Delays to theatre of patients with fractured neck of femur	Jill Homewood	X		X		X
1792	Ongoing Monitoring of Patients Undergoing General Anaesthesia for Caesarean Section	Nick Wharton	X	X		X	X
1837	The use of monitoring devices to assess the neuromuscular function of patients	Claire Heywood	X	X			
1968	An audit into the mean arterial pressure (MAP) ranges on ward patients post-bowel resection	Rebecca Aspinall		X			X
1971	The completion of anaesthetic records within UBHT	Diana Terry			X		
2156	Daycase Haemorrhoidectomies and Varicose Veins - An Audit	Hannah Blanchard		X			X

Sub-specialty: Obs & Gynae Anaesthesia							
155	What Problems are Being Experienced with Regional Anaesthesia for Caesarean Section?	Mike Kinsella	X	X			
538	Audit of Epidural Anaesthesia for Gynaecological Operations	Mike Kinsella	X	X			X
1605	Epidural Analgesia - Following up post procedure (re audit 1488)	Claire Dowse	X		X		X
1704	Audit of accidental dural puncture (ADP)	Mark Scrutton	X	X		X	X
1743	Timely anaesthetic review of patients with cardiac problems presenting to the delivery suite	Robert Jackson	X	X			X
1770	Post Caesarean Section Analgesia Audit	Simon Webster	X	X			X
1966	An audit of seniority of anaesthetist managing morbidly obese (BMI>40) obstetric anaesthetics	Mark Scrutton		X			X
1967	NPSA safety alert 21 – Safe administration of epidural medicines.	Mark Scrutton		X			X
2148	Lifestyle advice in preoperative assessment	Mathew Thomas		X			X
2138	The use of coagulation testing in pre-operative assessment (NICE CG3)	Richard Jones Clare Evans		X			X
Specialty: Dental & Maxillofacial Surgery							
1852	NHS Litigation Authority (NHSLA) Documentation audit 2007/8 - Dental Hospital	Jon Penny	X		X		
2117	NHS Litigation Authority (NHSLA) Documentation audit 2009 - Dental Hospital	Jon Penny			X		X
Sub-specialty: Oral & Maxillofacial Surgery							
1752	Management of patients on anti-platelet medication undergoing minor oral surgery - re-audit	Tamara Khayatt Imran Nasser	X		X		
1849	Incidence of dry socket for routine extractions within Oral Surgery Department	Frances Pilkington	X		X		
1954	Does the referral from GDPs requesting third molar extractions follow NICE guidelines? - re-audit [NICE TA1]	Jonathan Cowpe Mathew Ellis			X		
1955	Neck Lump Clinic and FNA results in the Oral and Maxillo Facial Surgery Department	Esther Perera Teresa Levey			X		X
2048	New patient referrals to the oral surgery department	Anna Dargue Clare Gleeson		X			
Sub-specialty: Oral Medicine							
1804	Biopsies for new referrals to Oral Medicine	Helen Underhill	X	X			
2004	Correlation between clinical and pathological diagnosis in oral medicine	Rachel Adamson		X			
2071	Medical and neurosurgical intervention in managing trigeminal neuralgia	Amina Abdel-Karim			X		X
2172	Antibiotic prophylaxis for patients at risk of developing infective endocarditis [NICE CG64]	Iman Heulfe Sarah Ellison		X			X

Sub-specialty: Orthodontics							
1641	Incidence of infected titanium plates following orthognathic surgery	Kate House	X	X			
1822	Orthodontic instrument trays from sterilisation unit: Are they of a satisfactory standard?	Hem Shah	X	X			
2036	Failure rate of vacuum formed retainers	Nikki Atack Nigel Harradine		X			
2037	Duration of treatment and number of visits for orthodontic treatment	Nikki Atack		X			
2173	Orthodontic treatment and General Dental Practitioner (GDP) attendance (includes standard from NICE CG19)	Neil McCusker		X			X
Sub-specialty: Paediatric Dentistry							
1495	Presence of a final working length in patients undergoing apexification – re-audit	Rebecca John	X		X		
1496	Specialist treatment plans - re-audit	Rebecca John	X		X		
1750	Longevity of Fissure Sealants	Ruth Fairhurst	X	X			X
1751	Placement of Stainless Steel Crowns following pulpotomy or pulpectomy	Stetan Abela	X	X			
1905	Repeat General Anaesthetics for dental extractions in children - re-audit	Deborah Franklin Andrea Roger			X		
2050	Are radiographs being taken when children are assessed for routine extractions under general anaesthesia? - re-audit	Rachel Fletcher			X		X
Sub-specialty: Primary Care Dental Services (PCDS)							
1805	Antibiotic prescribing in PCDS - re-audit	Katherine Walls	X		X		
2009	Advice on the prevention of dental caries for patients aged 3 years and above	Mouna Rajashekar		X			
Sub-specialty: Restorative Dentistry							
1615	Are dental implants being prescribed and funded in accordance with the Royal College of Surgeons' guidelines?	Karen Andrews	X	X			
1675	Dental screening and treatment compliance of pre-radiotherapy head and neck patients	David Naimi-Akbar	X		X		
1806	Are General Anaesthetic protocols for Special Needs patients being followed?	Roger Yates	X		X		
1854	Oral care of patients undergoing treatment for Head and Neck Cancer - re-audit	Ediz Cakin	X		X		X
2174	Patient experience during attendance at a consultant clinic	Lucy Marsden		X			X
2175	Cast cobalt chromium frameworks: Quality of information given to lab technicians by clinicians	Jagdip Kalsi		X			X
2176	Quality of cast chromium metal frameworks constructed by dental technicians to prescriptions from dentists	Jagdip Kalsi		X			X

Specialty: Integrated Critical Care Services							
Sub-specialty: ITU/HDU							
1231	MRSA audit	Ruth Evans Jeremy Bewley	X	X			
1560	Modified Obs charts and their role in emergency protocol	Sanjay Krishnamoorhy	X	X			
1776	An Audit of Critical Care Discharge (NICE CG 50)	Thuli Whitehouse	X	X			
1991	Therapeutic Hypothermia for Cardiac Arrest on ITU	Matt Thomas		X			X
2147	CVP line insertion in ITU and Theatre (NICE TA 49)	Anne Whaley		X			X
2146	An audit of sepsis management in intensive care patients - Surviving Sepsis Campaign	Matt Thomas		X			X
2155	Effectiveness of use of Bristol Observation Chart: Transfers to ITU or HDU [NICE CG50]	John Hadfield		X			X
Sub-specialty: Outreach Critical Care							
1826	Audit of critical care nurses offering the choice of tissue donation to newly bereaved relatives	Louise Jenkins	X	X			
Specialty: Ophthalmology							
1746	Management of Uveitis Patients Receiving Immuno-suppression Drugs at Bristol Eye Hospital	Annie Hinchcliffe	X	X			
1853	NHS Litigation Authority (NHSLA) Documentation audit 2007/8 - Eye Hospital	Cathy Williams	X		X		
Sub-specialty: A&E and Primary Care							
1924	Diagnosis and Management of patients presenting to eye casualty with optic neuritis (NICE CG008)	Erika Damato		X			
1937	Follow up of patients in Bristol Eye Hospital Emergency Department	Jocelyn Cherry		X			
Sub-specialty: Cornea & Cataracts							
1835	Culture positivity rate and documentation of microbial keratitis at Bristol Eye Hospital - re-audit	David Silverman Cheryl Lee	X		X		
2001	Incidence and causes for 2 lines of Snellen visual acuity loss following phacoemulsification and intraocular lens implantation	Petros Aristodemou		X			X
2093	Patient follow-up after posterior YAG capsulotomy	Panagiotis Georgoudis		X			X
Sub-specialty: Glaucoma & Shared Care							
2177	Glaucoma outpatient follow up appointments at Bristol Eye Hospital (re-audit of 1589)	Sonia Young			X		X
Sub-specialty: Medical & Surgical Retina							
1874	Assessment of Diabetic retinopathy at Bristol Eye Hospital	Sanjiv Banerjee	X	X			X
1917	Management of non-ischaemic Central Retinal Vein Occlusion (CRVO) at Bristol Eye Hospital	Mohan Mundasad		X			

1935	Audit of macula-on retinal detachments at Bristol Eye Hospital from Jan to April 2008	Rebecca Towl Tracy Wood			X		X
1953	Timely management of diabetic retinopathy at Bristol Eye Hospital	Clare Bailey Julia Hale			X		X
2002	Outcomes of Lucentis for Age-Related Macular Degeneration	Clare Bailey		X			
2023	Quality assurance of image grading in the Bristol and Weston Diabetic Retinopathy Screening Programme	Maria Macipe		X			
2068	Outcomes following Pars Plana Vitrectomy for retinal detachment	Nia Jones			X		X
Sub-specialty: Orthoptics & Optometry							
2003	Referrals to paediatric ophthalmology clinics at BEH from community orthoptic clinics	Elizabeth Fisher		X			
Sub-specialty: Paediatrics, Oculoplastics & Squint							
1656	Outcomes for patients with amblyopia undergoing cataract surgery at Bristol Eye Hospital	Joanna Waterfall	X	X			
1808	Retinopathy of Prematurity screening - re-audit	Suman Biswas	X		X		
1934	2/0 prolene brow suspension to correct congenital ptosis	Petros Aristodemou		X			
2094	Identifying patients requiring Retinopathy of Prematurity (RoP) screening	Cathy Williams			X		X
2149	Children's ophthalmology clinics at North Bristol NHS Trust: waiting times and quality of service	Cathy Williams		X			X
Specialty: Orthopaedics (T&O)							
1409	Patient Care pathway for fractured Neck of Femur	James Livingstone	X	X			
1705	Are plain X-rays being appropriately requested prior to discharging patients in the Trauma and Orthopaedic Department	Alys Macone	X		X		
1710	Audit of Orthopaedic Coding	Charles Chambers	X	X			X
1790	The Availability of Patient Notes and X-rays in Orthopaedic and Fracture Clinics	Jonathan Eldridge	X		X		
1832	Management of suspected scaphoid fractures	Phil McGann	X	X			X
1916	Documentation of Correct Site Surgery Checking	Brenton Fisher		X			
1975	An audit of Trauma operating notes	Laura Ghosh		X			
1977	Correct Site Surgery (re audit)	Jonathan Eldridge			X		X
2033	Improving Hand Hygiene at the Bristol Royal Infirmary (Audit and Re-Audit)	Koyes Ahmed			X		
2034	An audit of good practice at key stages of hip fracture care	Shafat Gangov		X			X

2125	Clinical Audit of Venous Thromboembolism Management in Orthopaedic Surgery	Sue Fyfe-Williams		X			
2139	Hand surgery at Bristol Royal Infirmary	Peter Robinson		X			X
2140	Antimicrobial prophylaxis in patients at high risk of MRSA colonisation with insertion of metalwork	Peter Robinson		X			X
Specialty: Surgical Specialties							
1931	NHS Litigation Authority (NHSLA) Documentation Audit	Jane Palmer	X	X			
1969	Effective pain assessment and management post operatively	Emma Neale		X			X
2178	An audit of Gentamicin prescribing & monitoring in UH Bristol	Rob Longman Joe Manjaly		X			
Sub-specialty: Lower GI (Gastrointestinal) Surgery							
1285	Global Rating Scale (GRS) - Are we meeting quality standards for Colonoscopy	Rebecca Griggs Paul Sylvester	X	X			
1857	An audit of fluid replacement for patients undergoing colorectal surgery	Rob Longman	X	X			X
1856	An audit of nutrition replacement for patients undergoing colorectal surgery	Rob Longman	X	X			X
Sub-specialty: Upper GI (Gastrointestinal) Surgery							
1282	Global Rating Scale (GRS) - Are we meeting quality standards for Endoscopic Ultrasonography (EUS) and EUS FNA (Fine Needle Aspiration)	Jayshri Shah	X	X			
1351	Implementation of decisions from the colorectal MDT	Jane Blazeby James Woods	X		X		X
1561	An audit of clinical outcomes in patients with pancreatic adenocarcinoma undergoing Percutaneous Transhepatic Cholangiography	Jane Blazeby Natalie Blencowe	X		X		X
1735	A re-audit of the patient pathway from GP referral to treatment decision and then to start of treatment for patients with upper GI cancer	Jane Blazeby Jonathan Rees	X		X		X
1855	An audit to evaluate the role of the multi-disciplinary cancer team in recruiting patients into a National Randomised Trial, OEO5	Jane Blazeby Angus McNair	X	X			X
1972	An audit of the risks and complications of feeding jejunostomy	Ian Pope		X			X
1978	An audit of informed consent for elective Oesophagectomy	Jane Blazeby		X			X
2145	Completion of Upper GI preoperative safety checks	Andrew Hollowood		X			X
Sub-specialty: Urology							
1563	Investigation and management of microscopic haematuria	Ben Ayres	X	X			X
1619	An audit of outcomes of the Bristol Andrology service	Richard Pearcy Jonathan Shaw	X	X			X
1643	Patients satisfaction of the haematuria clinic	Helena Burden	X	X			X

Sub-specialty: Vascular Surgery							
1970	Audit of Radiofrequency Ablation of Varicose veins VNUS CLOSURE Fast	Marcus Brooks Nicola Laurence		X			X
1973	Management and complications following Carotid Endarterectomy	Marcus Brooks Neil Upadhyay		X			X
Specialty: Theatres & Central Sterile Services							
1345	Are we following the guidance on ensuring Correct Site Surgery	Dina Plowes	X		X		
2090	Instrument sterilisation in community dental clinics [including aspect of NICE CG2]	Maureen Hornsby		X			X

The list below indicates projects where there is participation from staff in Divisions or Specialties other than those registering the project

Division listed under	Ref	Project Title	Participating specialties
Diagnostic and Therapy	733	Infection Control Ward/Department audit	Surgical Specialties
Diagnostic and Therapy	914	Diagnosis and Treatment of Pseudoaneurysm	Surgery
Diagnostic and Therapy	992	Are all Trust employees complying with the Infection Control Hand Hygiene Policy?	Surgical Specialties
Diagnostic and Therapy	2110	The use of cephalosporins, quinolones and clindamycin within the Bristol Royal Infirmary	Surgical Specialties
Diagnostic and Therapy	2124	Abdominal X-ray evaluation in the Trust	Surgical Specialties
Medicine	824	South West Regional Audit of Diabetic Lower Limb Amputations	Orthopaedics (T&O) Surgical Specialties
Medicine	1889	The National Clinical Audit of Falls & Bone Health in Older People	Orthopaedics (T&O)
Medicine	2053	Management of osteoporosis in people with previous hip fracture treated at the BRI	Orthopaedics (T&O)
Non-division specific	1620	Infection Control Clinical Care Audit	Surgical Specialties
Non-division specific	2095	2008 Bedside Transfusion Re-audit	Surgical Specialties
Specialised Services	2083	Prescribing and signing of 1st prescriptions for chemotherapy - BHOC Standard Operating Policy	Surgical Specialties
Specialised Services	2162	Head & Neck Cancer - Dental Assessment	Dental & Maxillofacial Surgery
Surgery and Head and Neck	1345	Are we following the guidance on ensuring Correct Site Surgery	Anaesthesia Surgical Specialties
Surgery and Head and Neck	1641	Incidence of infected titanium plates following orthognathic surgery	Adult Ear, Nose and Throat (ENT)
Surgery and Head and Neck	1706	Delays to theatre of patients with fractured neck of femur	Orthopaedics (T&O)
Surgery and Head and Neck	1735	A re-audit of the patient pathway from GP referral to treatment decision and then to start of treatment for patients with upper GI cancer	Surgical Specialties

Surgery and Head and Neck	1790	The Availability of Patient Notes and X-rays in Orthopaedic and Fracture Clinics	Orthopaedics (T&O)
Surgery and Head and Neck	1837	The use of monitoring devices to assess the neuromuscular function of patients	Theatres & Central Sterile Services
Surgery and Head and Neck	1856	An audit of nutrition replacement for patients undergoing colorectal surgery	Anaesthesia
Surgery and Head and Neck	1857	An audit of fluid replacement for patients undergoing colorectal surgery	Anaesthesia
Surgery and Head and Neck	1916	Documentation of Correct Site Surgery Checking	Theatres & Central Sterile Services
Surgery and Head and Neck	1968	An audit into the mean arterial pressure (MAP) ranges on ward patients post-bowel resection	Integrated Critical Care Services Surgical Specialties
Surgery and Head and Neck	1969	Effective pain assessment and management post operatively	Anaesthesia
Surgery and Head and Neck	1970	Audit of Radiofrequency Ablation of Varicose veins VNUS CLOSURE Fast	Surgery
Surgery and Head and Neck	1972	An audit of the risks and complications of feeding jejunostomy	Integrated Critical Care Services Surgical Specialties
Surgery and Head and Neck	2090	Instrument sterilisation in community dental clinics [including aspect of NICE CG2]	Dental & Maxillofacial Surgery
Surgery and Head and Neck	2145	Completion of Upper GI preoperative safety checks	Surgical Specialties
Surgery and Head and Neck	2147	CVP line insertion in ITU and Theatre (NICE TA 49)	Integrated Critical Care Services Surgical Specialties
Surgery and Head and Neck	2148	Lifestyle advice in preoperative assessment	Anaesthesia
Surgery and Head and Neck	2155	Effectiveness of use of Bristol Observation Chart: Transfers to ITU or HDU [NICE CG50]	Surgical Specialties
Surgery and Head and Neck	2156	Daycase Haemorrhoidectomies and Varicose Veins - An Audit	Surgical Specialties
Surgery and Head and Neck	2178	An audit of Gentamicin prescribing & monitoring in UH Bristol	Surgery
Surgery and Head and Neck	2182	NHS Litigation Authority (NHSLA) Documentation Audit - 2009	Theatres & Central Sterile Services
Women's and Children's	1976	Are gynaecological surgical patients receiving appropriate thromboembolic prophylaxis at St Michael's Hospital, Bristol (NICE CG 46)	Anaesthesia Theatres & Central Sterile Services
Women's and Children's	1979	NHSLA Litigation Authority (NHSLA) Documentation Audit - Gynaecology	Theatres & Central Sterile Services
Women's and Children's	2184	Audit of the implementation of Modified Obstetric Early Warning Score (MOEWS) charts at St Michaels Hospital Delivery Suite	Anaesthesia

Summary of benefits, actions or changes achieved in 2008/9

- 1345 - Pre-operative marking and correct site checklist has been incorporated into theatre documentation.
- 1495 - The audit demonstrated improvements in practice, with 100% of patients having working length for apexification established radiographically by their second appointment, compared to 88% in 2005 audit (1221).
- 1496 - This audit demonstrated improvements since a 2004 audit of Child Dental Health treatment clinics, with all patients now having an up to date treatment plan in place in their medical records.
- 1615 - It was established that the Bristol Dental Hospital is meeting Royal College of Surgeons' guidelines for dental implant funding applications as a result of this audit.
- 1675 - Improvements in the numbers of head and neck cancer patients receiving dental screens before starting radiotherapy since a previous audit were indicated.
- 1752 - Good practice with regard to providing patients on anti-platelet medication with information following dental extractions and also packing and suturing of sockets was confirmed.
- 1746 - This audit has led to the writing of clear protocols and improved arrangements for management of patients receiving immunosuppressant drugs at Bristol Eye Hospital.
- 1805 - Improvements in antibiotic prescribing practice within the Primary Care Dental Service since a previous audit were demonstrated
- 1806 - Demonstrated good practice in following local protocols for dental treatment of special needs patients.
- 1808 - Good practice in the screening of neonates for retinopathy of prematurity and in the rapidity of treatment where disease was determined.
- 1822 - The audit led to improved procedures for maintenance of orthodontic instruments within Dental Hospital sterilisation unit.
- 1826 - The audit led to an increase in the adherence to completion of bereavement checklist and subsequent tissue donation as demonstrated by the re-audit.
- 1905 - Demonstrated improved compliance with measures to reduce the need for repeat dental treatment under general anaesthetic for children since a previous audit.
- 1916 - A number of actions have been implemented for different staff groups, aimed at raising awareness of the need to carry out pre-operative checks for trauma and orthopaedic patients.
- 1934 - Good outcomes for Prolene® brow suspension to correct congenital ptosis at Bristol Eye Hospital were demonstrated
- 1937 - The results from this audit helped support the service redesign of Eye Casualty department and demonstrated benefits of nurse practitioner-led care.
- 1971 - An improvement in the completion of the anaesthetic chart was shown in this re-audit.
- 1975 - This audit led to the introduction of a new operation note for trauma patients. This will be re audited in the future.
- 2002 - Good outcomes for treatment of Age-Related Macular Degeneration with Lucentis® at Bristol Eye Hospital were shown.
- 2003 - The audit demonstrated the appropriate referral of patients to Ophthalmologists from community orthoptists working from Bristol Eye Hospital.
- 2004 - The results of this project contributed to agreement to appoint new Consultant Oral Pathologist to improve reliability of oral biopsy reporting.
- 2023 - Assurance of quality of image grading within Bristol and Weston Diabetic Retinopathy Screening Programme was provided as a result of this audit.
- 2033 - Shelving units have been introduced outside of trauma wards after this audit identified poor compliance with the Trust's hand hygiene policy amongst staff carrying notes and other objects. A subsequent re-audit has shown that compliance has increased following this action.
- 2048 - A comprehensive re-design of hospital referral documentation was undertaken.
- 2178 - An online Gentamicin dosage calculator is currently in development to aid junior doctors. Teaching regarding Gentamicin prescribing has been added to the Trust induction programme for junior doctors. Sections of the existing Gentamicin chart have been redesigned to allow for easier monitoring of dosage levels.

3.7 WOMEN AND CHILDREN'S

SUMMARY FIGURES

	2007/8 roll-overs <<	53	
Audits first registered in 2008/9	First audits F	65	
	Re-audits R	21	
	Ongoing monitoring projects O	2	
Total number of audits		139	
Completed audits		65	
Current (uncompleted) audits carried forward >>		69	(includes 13 ongoing monitoring projects)

PROJECT LIST

"Ref." refers to the registration number of the project on the Audit Project Management Database.
X indicates the audit is of the type specified

Ref.	Provisional Title of Project	Name	<<	F	R	O	>>
Specialty: Children's Services							
Sub-specialty: CAMHs (Child Adolescent Mental Health)							
1947	Audit of standards of record keeping in Child and Adolescent Mental Health Services (CAMHS)	Rdodri David		X			X
2097	Audit of timescales regarding Deliberate Self harm Assessments	Chrissie Gay		X			X
2134	Audit of prescribing practice in child and adolescent mental health service	Louise Molodynski		X			X
Sub-specialty: Community Paediatrics							
1814	Current service provision for children with Down's Syndrome	John Somarib	X	X			X
1892	Management of child protection cases admitted to hospital : a re-audit following introduction of new documentation	Ben Marsh			X		
2049	Audit of service provision for children with special needs - re audit	Ben Marsh			X		X
2099	Inpatient care of the disabled child - audit of service provision for children with special needs.	Ben Marsh			X		X
2127	Are we following the Did not attend (DNA) outpatients policy within Children's Services	Katherine Penney		X			X
Sub-specialty: General Paediatrics							
2150	Comparing current practice with Paediatric Fluid Guidelines	Lais Borges Blakely		X			
2154	Use of parent held child health record (PHCHR) in outpatient / ward settings	Rosie Fish		X			X
Sub-specialty: Neonatology							
1142	International, national and regional benchmarking of mortality & morbidity and resource allocation on the newborn intensive care unit	David Harding	X	X		X	X
1602	Audit series to improve infection rates on NICU	Karen Luyt	X	X			
1679	A re-audit of care plans - ETT tube length	Carol Arlidge	X		X		

1698	Audit of pre and post operative management of Tracheo oesophageal Fistula	Ali Raza	X	X			X
1699	Audit to assess the accuracy of the neonatal naso-gastric tube length chart	Jennifer Kemp	X		X		X
1902	National Neonatal Audit Programme	David Harding		X		X	X
2017	Post-natal assessment of newborns with anomalies on fetal scans	Deborah Osio		X			X
2018	Audit of NICU Documentation - NHSLA	Kay Pullen			X		
2069	NICU Care Plan - ETT Suction Limit	Carol Arlidge			X		
2070	Audit of NICU Care Plans - Mandatory and Specialist Sheets	Carol Arlidge		X			
2079	Compliance with CESDI 27/28 recommendations (re-audit)	Archana Mishra			X		X
2080	Positioning of infants in the Neonatal Intensive Care Nursery	Sue Braithwaite		X			X
2081	An audit of NICU care plans – Blood Pressure monitoring	Carol Arlidge			X		
2183	Frequency and quality of head scans in neonate	Ashfaf Tarabishi		X			X
Sub-specialty: Paediatric Anaesthesia							
1754	An evaluation of the use of proseal laryngeal masks in un premedicated children	Fiona Kelly	X	X			
1755	Evaluation of size 1.5 proseal laryngeal masks (PLMA) in babies undergoing inguinal hernia repair	Fiona Kelly	X	X			
1884	Audit of anti emetic prescription and practice in postoperative children at Bristol Children's Hospital in 2008	Adrian Upex	X	X			
1939	Audit of anaesthesia for inguinal hernia repair in babies in 2006 at Bristol Children's Hospital	Fiona Kelly		X			
2045	Audit of antimicrobial prophylaxis against infective endocarditis in children undergoing interventional procedures	Sarah Sanders		X			X
2105	Audit of pain management in paediatric cardiac surgery	Chris Bordeaux		X			
Sub-specialty: Paediatric Audiology							
1660	Hearing Tests for Children after Bacterial Meningitis - a re-audit	Melanie Parker	X		X		
Sub-specialty: Paediatric Cardiac Services							
79	Post-Operative Morbidity Following Cardiac Catheterisation	Rob Martin	X	X		X	X
80	Post-Operative Morbidity Following Cardiac Surgery	Graham Stuart	X	X		X	X
81	Radiofrequency Ablation in Paediatric Arrhythmias	Graham Stuart	X	X		X	X

83	Review of peri-operative Infections	Rob Martin	X	X		X	X
947	Paediatric cardiac surgery audit (CCAD - Central Cardiac Audit Database)	Andrew Tometzki	X	X		X	X
1738	Retrospective audit of management of pulmonary stenosis in neonates and children with balloon valvoplasty	Syed Ali Raza	X	X			X
1893	Management of cyanotic spell in infant	Rob Tulloh		X			
1911	Management of chest pain in children presenting to the children's emergency department	Rob Tulloh		X			
1918	cardiac referrals from emergency department for children with transient loss of consciousness	Rob Tulloh		X			
2087	Audit of Home Anticoagulation with Warfarin in the Paediatric Cardiology Patient Group	Jonathan Forsey		X			X
Sub-specialty: Paediatric Dietetics							
1957	Healthy Start Vitamin Uptake	Sarah Bergun		X			X
1985	Audit of nutritional screening in paediatric patients	Camille Jankowski		X			
Sub-specialty: Paediatric Ear, Nose and Throat (ENT)							
1851	The assessment of objective measures of infection in children with secondary post tonsillectomy haemorrhage	Julie Dando Nicola Wright	X	X			
Sub-specialty: Paediatric Emergency Department							
1908	Child Protection Documentation in Infants presenting to the Emergency Department with Head Injuries	Rebecca Preece		X			
1958	Audit of Bristol Bowel Management Group - Paediatric Constipation Guidance distribution and reported use in Primary Care	Wynne Smith		X			
1961	The Voice of the Child	Katherine Penney Lisa Goldsworthy		X			
2152	Management of febrile pre - school children presenting to the Emergency Department (ED)	Simon Binks			X		X
2153	Management of children under two years with head injuries in whom non accidental injury is suspected	Russell Jones		X			X
Sub-specialty: Paediatric Endocrinology							
1451	National Diabetes Audit (NCASP)	Christine Burren	X	X		X	X
1786	Management of Multiple Endocrine Neoplasia (Type 2) Syndromes	Wendy Bailey	X	X			X
1928	Correlation of clinical procedures to clinical coding applied to Endocrine admissions to the Clinical Investigations unit	Melanie Guilder		X			X
1929	Audit of annual reviews for children with Diabetes according to National Institute for Clinical Excellence Guidance 04 (2005)	Tiru Nootigattu		X			
1942	Audit on the screening of Endocrinopathies and Cognitive Dysfunction in childhood brain tumour survivors	Christine Wei		X			X

Sub-specialty: Paediatric Gastroenterology							
1959	New Referrals to General Paediatric Practice for constipation	Kay Blackwell		X			
2008	Management of Paediatric Inflammatory Bowel Diseases in the South West Region	Saras Hosdurga		X			X
Sub-specialty: Paediatric Intensive Care (PICU)							
72	Regional Audit of Critical Care Outcomes (Audit of Critically Ill Children)	Carol Maskrey	X	X		X	X
1445	Audit to assess elective central venous line insertion in cardiac theatre versus NICE guidelines	Hannah Blanchard	X	X			
1527	Chest Drain Removal in Post-op Cardiac Paediatric Patients	Sandra Cutts	X	X			X
1547	Bronchiolitis in need of CPAP: outcome project (BINCO)	Helen Brewer	X	X			X
1687	Audit of medical discharge list sticky labels	Sandra Cutts	X	X			X
1894	Audit of paediatric resuscitation event recording	Gillian Harris		X			
1925	Suction Audit	Louise Owen		X			X
1948	National Health Service (NHSLA) Documentation Re-audit	Annette Marshall			X		
2046	End of life planning	Danielle Taylor		X			
2158	National Health Service Litigation Authority (NHSLA) Documentation audit 08/09 Children's Services UHB	Sarah Goodwin		X			X
2168	Audit of Management of Traumatic Brain Injury in PICU	Darwin Pauldhas		X			X
Sub-specialty: Paediatric Nephrology							
1788	Advice given to children with isolated scars on DMSA scan	Jonathan Graham	X	X			X
1859	An audit of dialysis access service	Rohini Rattihali	X	X			
2006	Audit of prescription and administration of blood products in paediatric nephrology patients	Anna Kilonback		X			X
2181	Audit of prescribing drugs on discharge from renal ward	Karim Shebani		X			X
1992	Newer Drugs for Epilepsy -National Institute for Clinical Excellence (NICE) Technology Appraisal (TA79)	Choong Yi Fong		X			
Sub-specialty: Paediatric Occupational Therapy							
2027	Discharging children with a hip spica plaster	Ann Marie Apa Dani Winker		X			
Sub-specialty: Paediatric Oncology							
1478	Central line safety training audit	Wendy Sagenschitter	X	X			

1593	Perinatal transmission of HIV: audit of infected infants born in England between 2002 and 2005	Lizzie Hutchinson	X	X			X
1722	Congenital adrenal hyperplasia - from diagnosis to transfer to adult services. How are we doing?	Sharon Yee Sit Yu	X	X			X
1753	Aseptic Non Touch Technique audit 2007	Wendy Sagenschitter	X		X		
1907	Audit of ward 34 paediatric oncology discharge summaries	Thomas Voelker		X			
1914	Optimising Paediatric Haematology / Oncology patients for theatres	Judith Armstrong		X			X
2133	Audit of rates of influenza vaccine uptake in patients staff and carers of children on or within six months of chemotherapy at BCH in 2008	Emma Heckfors		X			X
2151	End of life planning in paediatric oncology	Balveer Kaur		X			X
Sub-specialty: Paediatric Radiology							
1965	Gonad protection for children undergoing hip/pelvis x rays	Gurpreet Narang		X			
2108	What is the right way to do cranial ultrasounds?	Gurpreet Narang		X			
Sub-specialty: Paediatric Respiratology							
1574	British Paediatric Respiratory Society / British Thoracic Society (BPRS/BTS) Asthma Audit 2007	Deborah Marriage	X		X		
1785	Serum levels of vitamin D in children with cystic fibrosis (CF)	Hannah Midwinter	X	X			X
1794	Asthma in schools	Neil Archer	X	X			X
1815	Asthma education at discharge	Phillipa Bowen	X	X			
1819	British Paediatric Respiratory Society / British Thoracic Society National Asthma Audit 2007	Deborah Marriage	X	X			
1941	The use of Cyclosporine in children and young people with difficult to treat asthma	Jessica Hymans		X			X
1984	Parapneumonic effusion and empyema	Nwe Soe			X		
2007	Timeliness of letters from the Respiratory Dept	Mala Raman		X			X
2011	Clinical diagnosis and management of tuberculosis, and measures for its prevention and control: NICE CG 33 March 2006 : BCG Vaccinations	Huw Thomas		X			
2100	An audit of Palivizumab use in paediatrics	Kamran Mahmood		X			X
2102	Audit of the use of the South West network Integrated Care Pathway (ICP) for children with diabetic ketoacidosis (DKA)	Fiona Duncan		X			X
2103	Audit of effectiveness of Epipen training in nursery school staff	Deborah Marriage Fiona Duncan		X			X

2106	British Paediatric Respiratory Society / British Thoracic Society Asthma Audit 2008	Deborah Marriage			X		X
2118	Audit of intra-articular steroid injection in children with juvenile idiopathic arthritis (JIA)	Nwe Soe		X			X
Sub-specialty: Paediatric Surgery							
1860	Re-Audit of emergency theatre list usage	Jonathan Graham	X		X		
1960	Correct site surgery (CCS) National Patient Safety Agency Alert Number Five (2005) in the Bristol Royal Hospital for Children (BRHC)	Nitin Patwardhan		X			
2122	Neonatal inguinal hernia repair at Bristol Children's Hospital	Oliver Old		X			X
Sub-specialty: Paediatric Trauma & Orthopaedics (T&O)							
1827	Audit of management of patients' undergoing external fixation from pre - admission to three months post discharge	Sharron Carrie Sarah Parry	X	X			X
1882	Current management of congenital talipes equinovarus (CTEV)	Guy Atherton	X	X			
1982	Failure rate of Pavlik Harness treatment for children with Developmental Dysplasia of the Hips	Mike Walton		X			
2013	Choose and Book - an audit and patient survey of new outpatient appointment system	Lucinda Frank		X			
Specialty: Women's Services							
633	Audit of blood usage on Central Delivery Suite	Annie Tizzard	X	X		X	X
1391	Audit of physiotherapy management of stress urinary incontinence (SUI)	Jess Butterly	X	X			
1636	Domestic abuse screening - a re-audit	Belinda Cox	X		X		
1638	A series of audits of UNICEF UK Baby Friendly Initiative best practice standards	Sally Tedstone	X		X	X	X
1663	An audit of consent for fetal post-mortem.	Thuili Whitehouse	X	X			
1680	Re-audit of shoulder dystocia management	Caroline Besley	X		X		
1811	Re-audit of severe post postpartum haemorrhage	Cressida Downie	X		X		
1831	Fetal vesico-amniotic shunt for lower urinary tract outflow obstruction (NICE IPG 202)	Elizabeth Glanville	X	X			
1836	Re-audit of Third and Fourth Degree Perineal Tear Management After Vaginal Delivery	Edward Coats	X		X		
1838	Chickenpox in pregnancy	Charlotte Sullivan	X	X			
1841	Obstetrics transfusion and iron survey (OTIS).	Sucheta Mane	X	X			X
1862	Re-audit of care of women with pre-gestational diabetes against local and CEMACH standards	Frances Blackmore	X		X		

1878	Practice and outcomes of operative vaginal delivery at St Michael's Hospital	Abi Oliver	X	X			
1922	Re-audit of the management of women with group B streptococcus on vaginal swab or urine	Lalrinawmi Lalrinawmi			X		
1949	The Management of Epilepsy in Pregnancy	Kate Collins		X			
2072	Management of anaemia in antenatal women (NICE CG 62 - Antenatal Care)	Jennifer Yin		X			
2073	Care of HIV positive women	Eleanor Hogath			X		
2074	External Cephalic Version (ECV) notes documentation	Rachel Ion			X		X
2076	Identification and management of obesity in pregnancy	David Quinn		X			
2077	Thromboprophylaxis in post-partum period (NICE CG13)	Zoey Robinson			X		X
2078	Appropriateness of third trimester scans - (NICE CG 62)	Sarah Caulkwell		X			
2107	Use of syntocinon for augmentation of labour (NICE CG 55, CG 70)	Emma Treloar		X			
2135	Vaginal Birth After Caesarean Section (VBAC)	Chloe Broughton			X		X
2170	Re-audit of heart disease in pregnancy	Jo Marsden- Williams			X		
2179	Re-audit of the guidelines for pre eclampsia, eclampsia	Sian Chivers			X		X
2184	Audit of the implementation of Modified Obstetric Early Warning Score (MOEWS) charts at St Michaels Hospital Delivery Suite	Kathryn Jackson		X			X
Sub-specialty: Gynaecology							
231	The collection of regional gynaecological cancer for the purposes of audit and improvement of management	Jon Murdoch	X	X		X	X
1765	The management of gestational trophoblastic disease	Caroline Overton	X	X			
1945	National audit of invasive cervical cancers	Robert Anderson		X		X	X
1976	Are gynaecological surgical patients receiving appropriate thromboembolic prophylaxis at St Michael's Hospital, Bristol (NICE CG 46)	Julia Vasant			X		
1979	NHSLA Litigation Authority (NHSLA) Documentation Audit - Gynaecology	Amanda Harris			X		
2075	Audit of laparoscopy hysterectomy complications (NICE IPG 239)	Himansu Borace		X			
2114	Re-audit of quality of colposcopy service in St Michael's Hospital	Wale Folarin			X		

2180	South West Cancer Intelligence Services Uterine Cancer Quality Assurance Audit	Diana Bailey		X			X
Sub-specialty: Reproductive Medicine							
1921	Management of patients with ovarian hyperstimulation syndrome	Gaya Vivehanantha		X			

The list below indicates projects where there is participation from staff in Divisions or Specialties other than those registering the project

Division listed under	Ref	Project Title	Participating specialties
Diagnostic and Therapy	733	Infection Control Ward/Department audit	
Diagnostic and Therapy	992	Are all Trust employees complying with the Infection Control Hand Hygiene Policy?	
Medicine	821	Regional audit of Diabetic Pregnancies	Women's Services
Medicine	1443	Re-audit of the management of women requesting abortion	Women's Services
Non-division specific	1620	Infection Control Clinical Care Audit	Women's Services
Non-division specific	2095	2008 Bedside Transfusion Re-audit	Children's Services
Surgery and Head and Neck	538	Audit of Epidural Anaesthesia for Gynaecological Operations	Women's Services
Surgery and Head and Neck	1743	Timely anaesthetic review of patients with cardiac problems presenting to the delivery suite	Women's Services
Surgery and Head and Neck	1770	Post Caesarean Section Analgesia Audit	Women's Services
Surgery and Head and Neck	1808	Retinopathy of Prematurity screening - re-audit	Children's Services
Surgery and Head and Neck	1967	NPSA safety alert 21 – Safe administration of epidural medicines.	Women's Services
Surgery and Head and Neck	2094	Identifying patients requiring Retinopathy of Prematurity (RoP) screening	Children's Services
Women's and Children's	1391	Audit of physiotherapy management of stress urinary incontinence (SUI)	Women's Services
Women's and Children's	1593	Perinatal transmission of HIV: audit of infected infants born in England between 2002 and 2005	Children's Services
Women's and Children's	1680	Re-audit of shoulder dystocia management	Children's Services
Women's and Children's	1698	Audit of pre and post operative management of Tracheo oesophageal Fistula	Children's Services
Women's and Children's	1907	Audit of ward 34 paediatric oncology discharge summaries	Children's Services
Women's and Children's	1908	Child Protection Documentation in Infants presenting to the Emergency Department with Head Injuries	Children's Services

Women's and Children's	1914	Optimising Paediatric Haematology / Oncology patients for theatres	Children's Services
Women's and Children's	1914	Optimising Paediatric Haematology / Oncology patients for theatres	Children's Services
Women's and Children's	1939	Audit of anaesthesia for inguinal hernia repair in babies in 2006 at Bristol Children's Hospital	Children's Services
Women's and Children's	1942	Audit on the screening of Endocrinopathies and Cognitive Dysfunction in childhood brain tumour survivors	Children's Services
Women's and Children's	1960	Correct site surgery (CCS) National Patient Safety Agency Alert Number Five (2005) in the Bristol Royal Hospital for Children (BRHC)	Children's Services
Women's and Children's	1961	The Voice of the Child	Children's Services
Women's and Children's	2011	Clinical diagnosis and management of tuberculosis, and measures for its prevention and control: NICE CG 33 March 2006 : BCG Vaccinations	Children's Services Women's Services
Women's and Children's	2017	Post-natal assessment of newborns with anomalies on fetal scans	Women's Services
Women's and Children's	2046	End of life planning	Children's Services
Women's and Children's	2049	Audit of service provision for children with special needs - re audit	Children's Services
Women's and Children's	2102	Audit of the use of the South West network Integrated Care Pathway (ICP) for children with diabetic ketoacidosis (DKA)	Children's Services
Women's and Children's	2151	End of life planning in paediatric oncology	Children's Services
Women's and Children's	2153	Management of children under two years with head injuries in whom non accidental injury is suspected	Children's Services
Women's and Children's	2158	National Health Service Litigation Authority (NHSLA) Documentation audit 08/09 Children's Services UHB	Children's Services
Women's and Children's	2168	Audit of Management of Traumatic Brain Injury in PICU	Children's Services

Summary of benefits, actions or changes achieved in 2008/9

1391 - Following this audit of stress urinary incontinence, the assessment proforma has been revised to be more "user friendly" and highlight QOL and agreed goals. Additional administrative time has been provided to Physiotherapists which would allow more time for discharge letters.

1445 - Training has been conducted as part of audit action plan for elective central line insertion for anaesthetists

1602 - Infection rates reduced following a series of infection control audits.

1638 - Results from the breastfeeding audits met the requirements for UNICEF "Baby Friendly" status

1663 - Suggested actions were discussed with the Patient Group following this audit of consent for fetal post-mortems.

1680 - Following this audit of shoulder dystocia management which demonstrated improvements in record keeping, it was agreed relevant training should be continued.

1754 - Confirmed best practice compared to National Standards

1765 - Following this audit of the management of gestational trophoblastic disease it was recommended that the guideline should be placed on the Document Management System.

1811 - Following this audit of massive obstetric haemorrhage a structured proforma was agreed for review of these cases at morbidity meetings.

1831 - Results indicated, overall, performance consistent with NICE Guidance for vesico-amniotic shunt (IPG 202).

1836 - Local guideline for management of perineal tears to updated as a result of this audit.

1838 - This audit of actions following exposure of staff and mothers to risk of infection with chicken pox, demonstrated good compliance with Trust guidance, with no untoward outcomes recorded.

1862 - Following this re-audit of care of women with pre-gestational diabetes issues of pre-conception counselling were raised with primary care.

1878 - Following this audit of operative vaginal delivery the guideline was revised and a new training package introduced.

1679/2069 - This audit and re-audit demonstrated improvement in recording of care plans for endotracheal tubes.

1884 - Guidelines on postoperative nausea and vomiting currently being formulated as a result of this audit

1892 - The green child protection form has been revised and circulated. Discharge planning arrangements revised to improve accountability.

1908 - A tick box system of red flags to identify infants at risk of non accidental injury coupled with an improved programme of education has resulted in a statistically significant increase in clinicians completing child protection documentation.

1921 - Following this audit of management of patients with ovarian hyperstimulation syndrome (OHSS) it was recommended that patients should not be admitted if they were only "mild".

1922 - This re-audit of the management of women with group B streptococcus demonstrated a marked improvement in unit performance.

1929 - Audit of diabetes reviews (NICE) identified need to improve and re-audit specific areas such as retinopathy screening (results recorded in the medical casenotes) podiatry and dietetic provision. These projects have been identified as priority projects on the 2009/10 Forward Plan.

1948 - NHSLA documentation audit - recommendations made from Children's Services regarding improving continuation sheets. Commitment to involve Bristol University medical students with ongoing re-audit with the possibility of introducing a "documentation" module to curriculum for students.

1949 - Following this audit of management of epilepsy in pregnancy it was agreed a checklist to prompt appropriate action should be developed.

1958 - Interface project assessing access to guidelines for GP's identified need for further work and educational strategy regarding inappropriate referrals for constipation.

1959 - Pilot project linked to Proj Ref- 1958 (access to referrals for constipation from Primary Care) Snapshot identified 13 inappropriate referrals, further audit with larger sample size to identify full extent of inappropriate referrals.

1960 - Standing Operating Procedure in development as part of action plan

1961 - Feedback of results by email to relevant healthcare professionals, re-audit identified as part of 2009/10 Forward Plan

1976 - Following this audit of thromboembolic prophylaxis for gynaecological surgical patients a prompt sheet has been developed incorporating guidance from NICE CG 46.

1979 - This re-audit of gynaecology note keeping demonstrated improvements in some areas, including recording of GP details, and use/recording of patient information leaflets.

1985 - Introduced a screening tool for assessment of malnutrition through hospital wide consultation. Further audit of this indicated on 2009/10 Forward Plan.

2011 - Amendment to STORK system as part of audit action plan

2018 - Following audit of documentation on NICU more ward clerks employed to print labels and typed stickers for drugs introduced.

2070 - Following audit of NICU Care Plans Mandatory and Specialist Sheets results were shared and followed up by encouragement and spot checks from education team.

2072 - Good compliance demonstrated with standards for management of anaemia in antenatal women (NICE CG 62 - Antenatal Care).

2073 - Following this audit of management of HIV in pregnancy it was agreed a checklist to prompt appropriate action should be developed.

2075 - Outcomes from laparoscopic surgery (NICE IPG 239) comparable with published results.

2076 - A leaflet has been developed to assist education of mothers following this audit on the identification and management of obesity in pregnancy

2077 - The Caesarean section form has been revised to make risk factors requiring thromboprophylaxis clearer following this audit on thromboprophylaxis in the postpartum period.

2078 - Following this audit of third trimester scans a revised guideline has been drafted, incorporating relevant NICE Guidance, with the intention of reducing inappropriate scans.

2081 - Following the re-Audit of non - invasive blood pressure monitoring it was agreed the Guideline should be revised and made more visible e.g. by making laminated copies available in nurseries.

2107 - Following this audit of use of syntocinon for augmentation of labour (NICE CG 55, CG 70) a revised guideline to be prepared, followed by re-audit.

2114 - Systems to be reviewed following audit of colposcopy services.

2170 - Following this re-audit of heart disease in pregnancy it was recommended the heart should be checked in women attending consultant clinics.

3.8 NON-DIVISION SPECIFIC

SUMMARY FIGURES

	2007/8 roll-overs <<	2	
Audits first registered in 2008/9	First audits F	3	
	Re-audits R	2	
	Ongoing monitoring projects O	1	
	Total number of audits	7	
	Completed audits	0	
	Current (uncompleted) audits carried forward >>	3	(includes 2 ongoing monitoring projects)

PROJECT LIST

"Ref." refers to the registration number of the project on the Audit Project Management Database

X indicates the audit is of the type specified

Ref	Provisional Title of Project	Name	<<	F	R	O	>>
1510	Saving Lives – a programme to reduce healthcare associated infections	Carly Hall	X	X		X	X
1620	Infection Control Clinical Care Audit	Lindsey Scott Carly Hall	X	X			X
1820	An audit of 24 hour observation charts	Sandra Harriss		X		X	X
1895	Admission and Discharge process	Anne Berry		X			X
2095	2008 Bedside Transfusion Re-audit	Edwin Massey Soo Cooke			X		X
2126	Trustwide Audit of Compliance with Anaesthetic Machine Checking	Dawn Scott			X		X
2169	Catering Ward Rounds – Managing the patient journey through nutritional care	Toni Williams		X			X

Appendix A - UHBristol Clinical Audit Staff

DIVISION	SPECIALTY	AUDIT SUPPORT	ROLE & W.T.E	AUDIT CONVENOR
Diagnostic & Therapy	Laboratory Medicine	Isabella To	Audit facilitator (0.8)	Dr Paul Thomas
	Medical Physics & Bioengineering			Mr Phil Quirk
	Pharmacy			Sally-Ann Hall
	Physiotherapy			Linda Clarke
	Audiology (adult), Occupational Therapy, Orthotics, Nutrition & Dietetics, Speech & Language Therapy (adult)			N/A – contact Heads of Service
	Radiology	Sally King	Superintendent Radiographer, QA, Audit (estimated 0.2)	Dr Charles Wakeley
Medicine	Medical Specialties	Samantha Wilkinson	Audit facilitator (1.0)	Dr Robert Marshall
	Emergency Services			Dr Sarah Woolley
Specialised Services	Cardiac Services	David Finch Trudy Gale	Audit (0.5) & Clinical Data Manager Audit facilitator (0.6)	Mr Gavin Murphy (Cardiac Surgery) Dr Angus Nightingale (Cardiology)
	Homeopathy	Sue Barron	Audit facilitator (0.3)	Dr Liz Thompson
	Oncology & Haematology	Mairead Dent	Audit facilitator (0.6)	Dr Paula Wilson
Surgery & Head & Neck	Dental Services & Maxillo-facial Surgery	Jonathan Penny	Audit facilitator (0.8)	Mr Tony Brooke
	Ophthalmology			Ms Cathy Williams
	Anaesthesia, Critical Care & Theatres	James Benwell	Audit facilitator (1.0)	vacant
	General Surgery			Mr. Mark Wright
	Orthopaedics (T&O)			vacant
	Adult ENT			Mr Graham Porter
Women & Children's	Obstetrics & Gynaecology	Richard Hancock	Audit facilitator (0.8)	Ms Rachael Liebling
	Neonatology			Mr Stephen Marriage
	Children's Services	Chrissie Gardner	Audit facilitator (1.0)	

Clinical Audit Central Office	Chris Swonnell	Assistant Director of Audit and Assurance (includes 0.25 clinical audit)
	Stuart Metcalfe	Assistant Clinical Audit Manager (1.0)
	Post Vacant	Audit clerk (0.8)

Membership of the Clinical Audit Committee

Dr Carol Inward (Chair)
 Chris Swonnell (Assistant Director for Audit and Assurance)
 Stuart Metcalfe (Clinical Audit Manager)
 Phil Hall (Assistant Director to the Medical Director)
 Clinical Audit Convenors - see above

Appendix B - Clinical Audit projects abandoned during 2008/9

The majority of the projects listed below were abandoned after the project was started (i.e. after data collection had commenced)

Division	Specialty	Sub-Specialty	Ref	Title	Reason Abandoned
Diagnostic and Therapy	Laboratory Medicine	Infection Control	59	Are the Trust's bench top sterilisers managed, used and maintained to a safe standard?	Deferred since 15 March 2003, replaced by a similar project ID1291, completed in April 2007.
Diagnostic and Therapy	Laboratory Medicine	Infection Control	561	Are wound swabs obtained correctly and systematically to ensure appropriate, accurate care?	Project was deferred in December 2003 and has now been abandoned.
Diagnostic and Therapy	Pharmacy		1521	audit of in-patient prescription writing	Both the project lead and supervisor left the trust. The project may be revisited in 2009
Diagnostic and Therapy	Physiotherapy		1079	Audit of notes standards for referral of patients to physio assistants and technicians	Project was deferred for almost a year and has now been superseded by a more recent similar audit.
Diagnostic and Therapy	Radiology	General Radiology	1834	Audit of the importance and usefulness of radiographs of the fore-foot (toes excluding hallux)	The audit lead has left the Trust. The problem that the audit addressed has been resolved by other means.
Medicine	Emergency Department (Adult)		1740	An audit of the management of STEMIs presenting in the Emergency Department	Supervisor on long term sick and audit lead has left the Trust.
Medicine	Medical Specialties	Gastroenterology & Hepatology	1584	Re-audit of the incidence and clinical outcome of C. difficile infection following the new C. difficile infection management guidelines	Audit lead left the Trust. This topic has now been address by other means.
Medicine	Medical Specialties	General Medicine	1933	Audit of endoscopic care of patients with non variceal upper GI haemorrhage against UBHT guidelines.	Lead could not complete data collection and has now left the Trust. No replacement has been identified by the Supervisor as the topic is no longer a priority within the department.
Specialised Services	Cardiac Services	Cardiac Anaesthesia	1651	Glycaemic control post-cardiac surgery	On further investigation it was found that this project was a research project
Specialised Services	Cardiac Services	Cardiac Anaesthesia	1780	Does Nicorandil reduce postoperative supraventricular arrhythmias following cardiac surgery?	On further investigation it was found that this project was a research project
Surgery and Head and Neck	Adult Ear, Nose and Throat (ENT)	Ear, Nose and Throat (Adult ENT)	1648	As a department do we receive referrals and list for surgery in accordance with the SIGN guidelines for recurrent tonsillectomies	Project lead has left the Trust. No replacement has been identified by the Supervisor as the topic is no longer a priority within the department.

Surgery and Head and Neck	Anaesthesia		1558	Morphine protocol audit	This has been awaiting presentation for months and the lead has now left the Trust
Surgery and Head and Neck	Orthopaedics (T&O)		1278	Record Keeping T&O	Audit lead went on maternity leave. Topic will form part of the Essence of Care project
Surgery and Head and Neck	Surgery		1791	An audit of respiratory observation recordings on ward 14	Staff Nurse has left the Trust. Audit methodology superseded by use of new observation chart
Women's and Children's	Children's Services	Community Paediatrics	1817	Auditing Hepatitis B vaccination within the infants born to drug abusing mothers	Audit lead left post, no replacement identified as no longer a priority for audit.
Women's and Children's	Children's Services	Neonatology	1513	Documentation of baby notes in St Michael's Hospital NICU	Unable to get any form of write up from audit lead or supervisor.
Women's and Children's	Children's Services	Neonatology	1713	Re-audit of temperature on admission to NICU	Presented NICU July 2007 but no record of results or actions. No response from audit lead as to this information
Women's and Children's	Children's Services	Paediatric Anaesthesia	1330	Audit to assess usage of morphine via patient controlled analgesia in laparoscopic appendectomy	Audit lead left post, no replacement identified as no longer a priority for audit.
Women's and Children's	Children's Services	Paediatric Cardiac Services	1482	Are all patients with isomerism being referred for GIT assessment	Audit lead left post, no replacement identified as no longer a priority for audit.
Women's and Children's	Children's Services	Paediatric Intensive Care (PICU)	1481	PICU Discharge Delay Re-Audit	Audit lead unable to complete project - alternative lead not identified; new database not in place for data collection
Women's and Children's	Children's Services	Paediatric Oncology	1846	An audit of glomerular filtration rate practice within the Paediatric Oncology Department	Audit lead left post, no replacement identified as no longer a priority for audit.
Women's and Children's	Children's Services	Paediatric Surgery	1787	An audit of abdominal pain, query appendicitis, over the last year presenting to Children's Services	Audit lead left post, no replacement identified as no longer a priority for audit.

Appendix C - Clinical Audit projects with status of 'deferred' at end of 2008/9 financial year

The below list contains projects that were deferred in the 2007/8 financial year and that remained deferred by the end of the year.

Division	Specialty	Sub- Specialty	Ref	Title	Reason Deferred
Specialised Services	Homeopathy		2016	Audit of Iscador use adherence to Guidelines	Delay due to resignation of audit lead. Project to be completed ASAP
Surgery and Head and Neck	Anaesthesia		1730	Central Venous Access Devices – An audit of request process, indication, insertion, use and care (NICE TAG 49)	Audit lead left the Trust. Supervisor in the process of identifying a replacement.
Surgery and Head and Neck	Dental & Maxillofacial Surgery	Oral & Maxillofacial Surgery	1655	Are all radial free forearm flap patients undergoing an Allen's Test and Doppler as appropriate?	Data collection delayed due to delays in procuring equipment
Surgery and Head and Neck	Orthopaedics (T&O)		1550	The quality of x-rays used for peri-operative planning in limb reconstruction surgery	Audit lead has left the Trust, trying to find a replacement.
Women's and Children's	Children's Services	Paediatric Endocrinology	1909	Re - audit of obesity NICE guidelines CG43 (December 2006)	Clinical lead left post, replacement to be identified
Women's and Children's	Children's Services	Paediatric Neurology	1768	Folic acid prescription and advice in female young people with epilepsy.	Clinical lead left post, replacement to be identified
Women's and Children's	Children's Services	Paediatric Neurology	2035	Re-Audit of Neurological Investigations for Children with Epilepsy (NICE Guidance CG 20)	Clinical lead left post, replacement to be identified
Women's and Children's	Women's Services		1839	Audit into the management of women at high risk of preterm labour through the preterm labour clinic	Deferred on instruction from relevant Consultant - lead left
Women's and Children's	Women's Services		1876	Re-audit of fetal monitoring in labour	Original lead left without completing - New lead allocated - Data collection to start June 2009
Women's and Children's	Women's Services	Gynaecology	1587	Re-audit of the medical management of miscarriage	Lead left the Trust - advised this project on hold - August 2008
Women's and Children's	Women's Services	Gynaecology	1923	Audit of the medical prescription of "to take home" drugs on Ward 78 (Gynaecology)	Member of staff on long term sick leave
Women's and Children's	Women's Services	Gynaecology	1963	Audit of Referrals to Gynaecology from Emergency Department	Member of staff on long term sick leave

Appendix D - Clinical Audit projects with status of 'Transferred to SR database' at end of the 2008/9 financial year

In 2008, a separate 'Service Review' database was established to capture details of those projects that do not fall under the umbrella of Clinical Audit (i.e. Service Evaluation, Service Improvement and other non standards based work). It is intended to support the Trust in evidencing compliance with Core Healthcare Standard C5d ("clinicians participate in regular clinical audit and reviews of clinical services"). Below is a list of projects that were originally registered on the Clinical Audit database but have subsequently been transferred to this 'Service Review' database.

Division	Specialty	Sub-Specialty	Ref	Title
Medicine	Medical Specialties	Diabetes & Endocrinology	629	Outcome of Management of Patients with Acromegaly (National database)
Specialised Services	Cardiac Services	Cardiac Anaesthesia	1599	Intraoperative Transoesophageal Echocardiography (re audit)
Specialised Services	Cardiac Services	Cardiac Anaesthesia	1621	Mortality and complications in patients >80 years undergoing cardiac surgery
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	206	Adult Cardiac Surgery Annual Report
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	208	Audit of Extubation Data
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	219	Usage of Blood Products After Cardiac Surgery
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	577	Radio frequency Ablation of Chronic Atrial Fibrillation
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	1110	Outcomes of mechanically ventilated patients who require a tracheostomy
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	1715	Audit of regional brain oxygen saturation during cardiopulmonary bypass
Specialised Services	Cardiac Services	Cardiac Surgery (Adult)	1716	An audit of mitral valve surgery outcomes at the Bristol Royal Infirmary
Surgery and Head and Neck	Anaesthesia	Anaesthesia	146	NCEPOD – review in Day Surgery
Surgery and Head and Neck	Integrated Critical Care Services		160	Intensive Care National Audit and Research Centre (ICNARC) Database
Surgery and Head and Neck	Orthopaedics (T&O)		1349	Progression of disease in patients with rheumatoid arthritis awaiting hand surgery in a single surgeon's practice
Surgery and Head and Neck	Surgery	Lower GI (Gastrointestinal) Surgery	1736	Same Day Admission for Colorectal Surgery - An Audit of Service
Women's and Children's	Women's Services	Gynaecology	1993	Blood transfusion in gynaecology

Appendix E - University Hospitals Bristol Clinical Audit Forward Plan 2009/10

The forward plan below details projects to be carried out in the 2009/10 financial year, by Division.

Key

PPI – whether audit involves patients/carers
 Multi – whether audit is multi-professional/multi-disciplinary
 Int – Interface (involves other healthcare organisations)

Y in column indicates that this aspect is included in the proposed audit. Further details on PPI and other organisations given in Rationale

Please note that the contact in the 'Lead' column may not be the person who will carry out this audit, but the senior clinician proposing and supervising a project which they plan to delegate to a junior member of staff to carry out (who would then become the project lead). The Lead's name is followed by an indication of seniority, including abbreviations as follows:

Cons – Consultant
 SpR – Specialist Registrar
 SHO – Senior House Officer
 F1/F2 – Foundation year doctor

Supt. – Superintendent
 Sen. – Senior
 CNS – Clinical Nurse Specialist
 OT – Occupational Therapist

DM – Divisional Manager
 ADM – Assistant Divisional Manager

DIAGNOSTICS & THERAPIES

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Laboratory Medicine						
Frozen section service	Histopathology	Mohammed Sohail (Cons)	Re-audit CA ID 886 Royal College of Pathology guidelines (Feb. 2006); Local Consensus		Y	
Histological reporting of lung specimen	Histopathology	Joya Pawade (Cons)	Trust departmental guidelines for histology reporting (2009)		Y	
The recognition and diagnosis of coeliac disease	Clinical Biochemistry	Paul Thomas (Cons)	NICE CG 86 (May 2009)			
The use of the transfusion prescription form	Laboratory Haematology	Soo Cooke (Transfusion Practitioner)	Blood Safety and Quality Regulations Guidelines (2005); Department of Health Better Blood Transfusion 3 (2008); NPSA Safer Practice Notice 14 (Nov 2006)		Y	
Laboratory diagnosis of candidaemia	Microbiology	Barbara Kirkpatrick (Cons) Vijay Richard (SpR)	Standards based on local consensus and evidence base			
Medical Physics & Bioengineering						
The handover of radiology equipment		Phil Quirk (Clinical Scientist)	Standards based on local handover checklist		Y	
Nutrition And Dietetics						
Record keeping	Nutrition and Dietetics	Helen Brown (Head of Services)	Guidance for dieticians for records and record keeping - The British Dietetic Association (Aug 2008)			
Occupational Therapy						
Standards for upper limb assessment	Acute Stroke	Scott Allan (Sen. OT) Bronagh Corlett (OT)	Joint audit with the physiotherapy team on guidelines for upper limb assessment (2008)		Y	
Respiratory care pathway	Medicine/Respiratory	Scott Allan (Sen. OT) Fay Colvin (OT)	Local care pathway (April 2009)			
Pharmacy						

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
The use of cephalosporins, quinolones and clindamycin within the Bristol Royal Infirmary	Pharmacy	Elizabeth Jonas (Sen. Pharmacist)	Re-audit CA ID 2110 Department of Health 'Clostridium difficile a board to ward approach' document		Y	
Intravenous to oral antibiotic switch	Pharmacy	Elizabeth Jonas (Sen. Pharmacist)	Re-audit CA ID 1729 Trust guidelines for IV to oral antibiotic switch (May 2007)		Y	
Audit of prescribing and administering of medicines policies	Pharmacy	Sarah Hepburn (Sen. Pharmacist)	Re-audit CA ID 2012 Trust Medicines Code M2 (Sept 2007) and M9 (July 2007)			
Physiotherapy						
Discharge process for patients on the elderly rehabilitation wards at the Bristol General Hospital	Physiotherapy	Lin Leong (Sen. Physiotherapist)	Re-audit CA ID 1946 Trust standards for discharge process for patients on elderly rehabilitation wards (2007)			
Physiotherapy management of general medical patient	Physiotherapy	Katy Buchan (Medical Respiratory Physiotherapist)	Re-audit CA ID 2128 Trust standards for management of general medical patients (2008)			
Physiotherapy management of patients with acute exacerbation of chronic obstructive pulmonary disease	Physiotherapy	Katy Buchan (Medical Respiratory Physiotherapist)	Re-audit CA ID 2026 Trust standards for management of acute exacerbation of chronic obstructive pulmonary disease (2004)			
Physiotherapy for adult cystic fibrosis patients on a home intravenous antibiotic course	Physiotherapy	Hannah Douglass (Cystic Fibrosis Physiotherapist)	Trust guidelines for the home physiotherapy service (Nov 2008)			
Adult Audiology						
Protocol for real-ear measurements	Adult Audiology	John Bond (Sen. Audiologist) Dunja Nieuwoudt (Sen. Audiologist)	Re-audit CA ID 1999 British Society of Audiology's protocol for real-ear measurements (July 2007)			
Adult Speech And Language Therapy						
Audit of dysphagia standards	Adult Speech & Language Therapy	Anna Daniell (Speech Therapist)	Re-audit CA ID 1883 Royal College of Speech & Language Therapy guidelines (2005) and departmental guidelines			
Radiology						
Iodinated contrast injection in patients on Metformin	Cross-sectional Imaging	Paula Murphy (Cons) Muhammad Hanif (SpR)	Guidance from Royal College of Radiologists (Nov 2005)		Y	
Consenting procedure for paediatric Magnetic Resonance Imaging	Cross-sectional Imaging	Kathryn Isaacs (Supt. Radiographer MRI)	Department of Health good practice in consent implementation guide: consent to examination or treatment (Nov 2001)		Y	
Nasogastric tube imaging	General Radiology	Paula Murphy (Cons)	Ionising radiation (medical exposure) regulations (May 2000)		Y	
Impact of transport on surgical time for localisation patients at the BRI	Mammography	Hannah Savage (Radiologist) Suma Chakrabarthi (Cons)	Concern due to disruption of lists and cause of distress to patients		Y	
Radiographer reporting of	Ultrasound	Tina Stoyles	Royal College of Radiologist		Y	

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
normal abdominal ultrasound examination		(Radiology Section Head)	guideline handbook			

MEDICINE

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Emergency Department						
Illicit drug users in Accident and Emergency		Richard Jevan (Cons) Sally King (Drug Treatment Nurse)	Models of care for treatment of adult drug misusers (2006) National Treatment Agency		Y	
Medical Specialties						
Ward transfers	Care of the Elderly	Nicky Henderson (Patient Safety Manager)	NHS Litigation Authority Risk Management standard 1.4.5		Y	
Osteoporosis - primary prevention	Care of the Elderly	Rachel Bradley (Cons)	NICE TAG 160 (Oct 2008) Audit assurance requested by the local NICE commissioning college.			
Osteoporosis - secondary prevention including strontium ranelate	Care of the Elderly	Rachel Bradley (Cons)	NICE TAG 161 (Oct 2008) Audit assurance requested by the local NICE commissioning college.		Y	
Record keeping of issue of Progestogen-only emergency contraception under Patient Group Direction (PGD) 1	Contraceptive & Sexual Health Service (CASH)	Sharon Boddard (Cons – UHBristol) Tracey Masters (Cons – NBT)	To assess compliance of prescribing as outlined in the Patient Group Direction			Y
Audit of record keeping of Progestogen-only oral contraceptive pill under Patient Group Direction (PGD) 2B	Contraceptive & Sexual Health Service (CASH)	Sharon Boddard (Cons – UHBristol) Tracey Masters (Cons – NBT)	To assess compliance of prescribing as outlined in the Patient Group Direction			Y
The use of Dermoscopes in clinical assessment of skin cancer	Dermatology	David DeBerker (Cons) Kat Nightingale (SpR)	To determine whether we're following local guidance in the use of Dermoscopes		Y	
The standards of service for patients treated with oral/bath PUVA phototherapy	Dermatology	Giles Dunhil (Cons)	To assess the service provided against recommendations outlined by the British Photodermatology Group.		Y	
The diagnosis and management of thyrotoxicosis	Diabetes & Endocrinology	Karin Bradley (Cons) Rajeev Raghavan (SpR)	Comparing practice to our local guideline and to national best practice.			
The management of patients with pre-existing diabetes during pregnancy.	Diabetes & Endocrinology	Karin Bradley (Cons)	NICE CG 63 (Mar 2008)		Y	
A retrospective audit of late complications of ERCP (endoscopic retrograde cholangiopancreatography) at UHB Foundation Trust	Gastroenterology & Hepatology	John Smithson (Cons)	Comparison against national standards (British Society of Gastroenterologists)		Y	
Peginterferon alfa and ribavirin for the treatment of mild hepatitis C	Gastroenterology & Hepatology	Fiona Gordon (Cons)	NICE TAG 106 (Aug 2006) Audit assurance requested by the local NICE commissioning college.			
Thromboprophylaxis administration on the MAU	General Medicine	Sarah Mungall (Cons)	Introduction of thromboprophylaxis section of clerking proforma		Y	
Inpatient ward referrals at the BRI.	Neurology	Luke Benetto (Cons)	Adherence to local referral practice			
Sleep apnoea - continuous positive airway pressure (CPAP)	Respiratory	Adrian Kendrick (Cons)	NICE TAG 139 (Mar 2008) Audit assurance requested by the local NICE commissioning college.			

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Re-audit of compliance with British Thoracic Society guidelines for non-invasive ventilation	Respiratory	Liz Gamble (Cons)	Introduction of a new non-invasive ventilation proforma		Y	
An audit of the Care Pathway for early Rheumatoid arthritis	Rheumatology	Robert Marshal (Cons)	New care pathway introduced in (April 2009). covers certain aspects of NICE CG 79		Y	

SPECIALISED SERVICES

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Cardiac Services						
Adult Cardiac Surgery	Cardiac	Alan Bryan (Cons)	National Central Cardiac Audit Database (CCAD)		Y	
Angioplasty (cardiac intervention)	Cardiac	Andreas Baumbach (Cons)	National Central Cardiac Audit Database (CCAD)		Y	
Cardiac Rehabilitation	Cardiac	Fiona Barnard (CNS)	National Central Cardiac Audit Database (CCAD)			
Pacing and Implantable Cardiac Defibrillators (ICDs)	Cardiac	Tim Cripps (Cons)	National Central Cardiac Audit Database (CCAD)		Y	
Myocardial Infarction National Audit Programme (MINAP)	Cardiac	Jenny Tagney (CNS)	National Central Cardiac Audit Database (CCAD)		Y	
UK Heart Valve registry	Cardiac	Alan Bryan (Cons)	National Audit Project (UKHVR)			
Coronary Artery Bypass Grafts	Cardiac	Alan Bryan (Cons)	NCEPOD requirement			
Heart Failure Audit	Cardiac	Angus Nightingale (Cons)	National Audit Project			
Acute Coronary Syndrome	Cardiac	Valentino Oriolo (CNS)	National guidelines surrounding ACS patient pathways			
ECG filter settings	Cardiology	Jonathan Pitts-Crick (Cons) Anthony French (SpR) Jo Lim (SHO)	National Guidelines		Y	
Arrhythmia Service	Cardiac	Jenny Tagney (CNS)	New local service. Protocols/guidelines in development, will be audited in due course		Y	
Patients for post MI echo and action if reduced LV function noted for ICD implant	Cardiology	Jenny Tagney (Sen. Nurse) Arrhythmia Nurses Steve Dorman (SpR)	NICE TAG 95 (Jan 2006)			
Critical Care and ITU NICE Guidelines	Cardiac Anaesthesia	Steve Linter (Cons)	NICE CG 83 (Mar 2009)			
Oral decontamination with chlorhexidine and ventilator associated pneumonia (VAP)	Cardiac Anaesthesia	Steve Linter (Cons)	Change in practice approx 18 months ago. Need to re-audit to establish an improvement in practice.			
Patient safety and effectiveness projects as a result of moving to the new BHI building	Cardiac Anaesthesia	Steve Linter (Cons)	Various projects in connection with patient safety and effectiveness of services to be identified following the move to the Bristol Heart Institute			

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Homeopathy						
Re-audit of goal setting	Homeopathy	Elizabeth Thompson (Cons)	Re-audit CA ID 1623 Determine whether the setting of treatment goals has improved			
Audit of Package of Care and Discharge Policy	Homeopathy	Elizabeth Thompson (Cons)	The Homeopathic Hospitals Outcome Project (HHOP) has revealed the need to review hospital treatment package of care and discharge policy			
Oncology						
Multiple myeloma - Boretezomib	AHU	Jenny Bird (Cons)	NICE TAG 129 (Oct 2007) Audit assurance requested by the local NICE commissioning college.		Y	
Leukaemia (chronic myeloid) - Imatinib	AHU	Priyanka Mehta (Cons)	NICE TAG 70 (Oct 2003) Audit assurance requested by the local NICE commissioning college.		Y	
Lung cancer (non-small-cell) - Erlotinib	Oncology	Adam Dangoor (Cons)	NICE TAG 162 (Nov 2008)		Y	
Lymphoma (follicular non-Hodgkin's) - Rituximab	Oncology	Mathew Beasley (Cons)	NICE TAG 137 (Feb 2008) Assurance requested by the local NICE commissioning college.		Y	
Mesothelioma - Pemetrexed Disodium	Oncology	Jeremy Braybrooke (Cons)	NICE TAG 135 (Jan 2008)		Y	
Head and neck cancer – Cetuximab	Oncology	Hoda Booz (Cons)	NICE TAG 145 (Jun 2008)		Y	
Colorectal cancer (advanced) - Irinotecan, Oxaliplatin and Raltitrexed	Oncology	Stephen Falk (Cons)	NICE TAG 93 (Aug 2005)		Y	
Ovarian cancer - Paclitaxel	Oncology	Jo Parkinson (Locum Cons)	NICE TAG 55 (Jan 2003)		Y	
Emergency admissions	Oncology	Alison Cameron (Cons)	NCEPOD requirement		Y	
High dose rate brachytherapy	Oncology	Amit Bahl (Cons)	NICE IPG 174 (May 2006)		Y	
Antibiotics – start/stop dates	Oncology	Paula Wilson (Cons)	Trust Guidelines		Y	
Neutropenic guidelines	Oncology	Paula Wilson (Con)	Local Guidelines		Y	
Preferred place of death	Palliative Medicine	Rachel McCoubrie (Cons)	National Guidelines		Y	

SURGERY, HEAD & NECK

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Anaesthesia						
An audit of fractured neck of femur patients	Anaesthesia	Frances Forrest (Cons)	Need for audit outlined through the LEAN trauma project		Y	
The AAGBI audit compendium; raising the standard of anaesthesia	Anaesthesia	Diana Terry (Cons) Anaesthetic Consultants	A number of projects outlined by guidance from the Association of Anaesthetists of Great			

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
			Britain and Ireland			
Prevalence and management of peri-operative iron deficiency anaemia	Anaesthesia	Tony Pickering (Cons) James Sidney (SpR)	To determine whether patients with anaemia are managed appropriately		Y	
Same day cancellations in surgery	Anaesthesia	Frances Forrest (Cons)	An area of concern, impacting on patient care and theatre usage.		Y	
The use of Bupivacaine and Fentanyl in labour epidurals	Obstetrics Anaesthesia	Mike Kinsella (Cons)	Patient safety issues surrounding the use of these drugs in epidurals			
Administration of epidural medicines	Obstetrics Anaesthesia	Mark Scrutton (Cons)	NPSA alert 21 (March 2007)			
An audit of analgesic techniques post amputation	Pain Service	Nilesh Chauhan (Cons)	Guidance on specific anaesthesia available from published sources		Y	
Postoperative PCA and epidurals outcomes	Pain Service	Nilesh Chauhan (Cons)	Comparing outcomes to those in published literature			
Dental Services						
Communicating with GPs re Head & Neck cancer diagnosis	Oral and Maxillofacial Surgery	Chris Bell (Associate Specialist) Hannah Pepper (F1)	Re-audit CA ID 1473 NICE CSGHN guidance to see whether improvement in promptness of communication with GPs		Y	
Special needs patients care pathway for General Anaesthesia	Restorative Dentistry	Roger Yates (Cons)	To provide assurance of good practice, following national concern over care of special needs patients		Y	
Mini/micro screw implantation for orthodontic anchorage	Orthodontics	Nigel Harradine (Cons)	NICE IPG 238 (Nov 2007) Audit of outcomes for first 4 years of use at BDH.			
Consent for inhalation sedation	Paediatric Dentistry	Deborah Franklin (Cons)	Re-audit CA ID 1333. To determine whether improvements made in obtaining consent			
Histopathology reporting	Oral Medicine	Tony Brooke (Associate Specialist) Rachel Adamson (Clinical Assistant)	Re-audit CA ID 2004 To determine whether improvements made in agreement between clinical and pathological diagnoses		Y	
The use of sub-gingival ultrasonic tips	Oral Hygiene	Sarah Bain (Head of Dental Care Professional School)	Monitoring of clinical incidents indicated need for further training of staff and students		Y	Y
Oral health care in care homes	Avon SPCDS	Katherine Walls (Sen. Dental Officer)	Assessing knowledge of care home staff and provision of information by PCDS Oral Health Promotion team		Y	Y
ENT						
Out patient management of pre-endoscopic sinus surgery	ENT	Claire Langton - Hewer (Cons) Michael Saunders (Cons) Graham Porter (Cons)	To assess compliance with local guideline			
Ophthalmology						
The use of Lucentis (ranibizumab) for treatment of Age- Related Macular Degeneration	Medical & Surgical Retina	Clare Bailey (Cons)	Re-audit CA ID 2002 NICE TAG 155 (Jun 2008) as additional criteria. Audit assurance requested by the local NICE commissioning college.			

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Retinopathy of prematurity screening	Paediatrics, Oculoplastics & Squint	Cathy Williams (Cons)	Re-audit CA ID 1808 & 2094 Expanded to full audit of Royal College of Ophthalmologists guidelines (Dec 2007)		Y	Y
Biometry	Cornea & Cataracts	Derek Tole (Cons)	Quality assurance of lens power calculations for cataract surgery		Y	
Glaucoma follow-up appointments	Glaucoma & Shared Care	Paul Spry (Shared Care Optometrist)	Re-audit CA ID 2177. Local guidelines for follow-ups to determine whether improvements made in seeing patients on time		Y	
Waiting times for paediatric clinics at North Bristol	Orthoptics & Optometry	Julie Parker (Orthoptist)	Re-audit CA ID 2149 Once changes implemented		Y	Y
Management of patients on immunosuppression in uveitis service	Medical ophthalmology	Annie Hinchcliffe (Nurse Practitioner)	Re-audit CA ID 1746. To determine whether changes led to improved management of patients before and during therapy		Y	
Endophthalmitis	All surgical sub-specialties	Derek Tole (Cons)	Re-audit CA ID 1125. Looking at endophthalmitis rate and related record-keeping		Y	
Integrated Critical Care Services						
Effectiveness of use of the Bristol observation chart: Transfers to ITU or HDU	ITU	John Hadfield (Cons) Peter Murphy (Cons)	Bristol Observation Chart created as part of the Safer Patient Initiative. Audit also considers NICE CG50		Y	
The use of the "do not attempt resuscitation" (DNAR) form in the Bristol Royal Infirmary.	ITU	Anne Whaley (Cons)	To determine whether DNAR forms are completed correctly			
The documentation of care given in ITU through paper free system	ITU	Jeremy Bewley (Cons) Louise Jenkins (Nurse)	Audit to establish whether patients records are being completed appropriately			
Orthopaedics (T&O)						
The outcome of Webber B ankle fractures	Trauma & Orthopaedics	Jonathan Eldridge (Cons)	Comparing outcomes to those in published literature			
The role of patient information leaflets in consent for Trauma/Orthopaedic Surgery: Do they help patients better understand the risks?	Trauma & Orthopaedics	James Livingstone (Cons) Hannah Smith (F1)	To determine whether we are providing appropriate patient information to aid the consenting process for Trauma/Orthopaedic patients	Y	Y	
The National Hip Fracture Database	Trauma & Orthopaedics	Rachael Bradley (Cons)	National Audit requiring submission of data for all patients undergoing surgery for Fractured Neck of Femur		Y	
Surgical Specialties						
The prescription of VTE prophylaxis	All Surgical Specialties	Rob Longman (Cons) Steve Dalton (SpR)	Local guidelines			
An audit of Gentamicin usage	All Surgical Specialties	Rob Longman (Cons) Jo Manjaly (F1)	Re-audit CA ID 2178		Y	
Radiotherapy and chemotherapy waiting times after surgery	Breast Surgery	Zen Rayter (Cons)	To determine whether patients are being seen within recommended timescales		Y	
Pre-op carbohydrate loading for elective colorectal patients	Lower GI	Rob Longman (Cons) Steve Dalton (SpR)	Local pre operative assessment guidelines		Y	
Pre-op nutritional support for elective	Lower GI	Rob Longman (Cons)	Local pre operative		Y	

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
colorectal patients		Megan Gallagher (Dietician)	assessment guidelines			
Reduction of Surgical Site Infections in Colorectal Surgery	Lower GI	Rob Longman (Cons) Peter Vaughan Shaw (SHO)	NICE CG 74 (2008)			
Missed colon cancers	Lower GI	Oliver Old Rob Longman (Cons)	Audit as part of the flexible sigmoidoscopy 'straight to treat' colorectal cancer fast track pathway.			
The coding of Thoracic cases	Thoracic	Tim Batchelor (Cons)	Comparison of hospital coding of procedures to local collected information		Y	
Percutaneous Pancreatic Necrosectomy (PPN)	Upper GI	Meg Finch Jones (Cons)	NICE IPG 33 (Dec 2003). New procedure ratified by the Clinical Effectiveness Committee. Outcomes of this patient group will be audited			
An audit of urology procedure coding	Urology	Raj Persad (Cons)	Comparison of hospital coding of procedures to local collected information			
Abdominal aortic aneurysm - endovascular stent-grafts	Vascular	Marcus Brooks (Cons)	NICE TA 167 (Feb 2009). Audit assurance requested by the local NICE commissioning college.			

WOMEN'S & CHILDREN'S

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Children's Services						
Pre-op testing for sickle cell anaemia at Bristol Dental Hospital	Anaesthesia	Phil Segar (Cons) Gail Tovey (Cons)	Rolled over from 08/09 forward plan		Y	
Audit of hearing aid review clinics	Audiology	Dawn O'Dwyer Liz Midgley (Chief Audiologist)	Re-audit CA ID 1657			
Hickman line patient safety training	Bone Marrow Transplant Oncology	Wendy Saegenschnitter (CNS) Stephen Robinson (Cons)	Re-audit CA ID 1478 Audit of Trust Policy	Y	Y	
Red cell/platelet transfusion practice - cross match to transfusion ratio and documentation	Bone Marrow Transplant Oncology	Michelle Cummins (Cons)	Audit of Trust Policy (Standard Operating Procedure)		Y	
Re-audit of Pneumocystis Carinii Pneumonia (PCP) prophylaxis in adult patients post stem cell transplant	Bone Marrow Transplant Oncology	Rachel O'Donnell (Pharmacist) David Marks (Professor)	Recommendations from the European Group for Blood and Marrow Transplantation (EBMT)	Y	Y	
Investigation in tuberous sclerosis	Clinical Genetics	Ruth Newbury-Acob (Cons) Sam Leonard (SpR)	Local Guidelines / Local Concern			
Guidelines for testing in childhood	Clinical Genetics	Ruth Newbury-Acob (Cons)	Local Guidelines / Local Concern			
"Did not attend" (DNA) Policy	Cross Division	Doug Heller (Cons) Katherine Penney (CNS)	Child Protection - DNA Policy (2007). Identified through serious case review/risk management.		Y	
Methicillin resistant streptococcus aureus (MRSA) - out of area referrals to Bristol Royal Hospital for Children	Cross Division	Huw Thomas (Cons) Kathy Hole	Re-audit CA ID 1742 Local Trust Guidance on Infection Control		Y	
Promoting safer measurement and administration of oral and other enteral routes	Cross Division	Mike Dunn (Pharmacist)	National Patient Safety Alert No 10 (Mar 2007) Rolled over from 08/09 FP		Y	

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Medicines adherence	Cross Division	Mike Dunn (Pharmacist)	NICE CG 76 (Jan 2009)	Y	Y	
An audit of the use of the Screening Tool for Assessment of Malnutrition in Paediatrics (STAMP)	Dietetics	Dharum Basude (Cons) Sarah Trace (Dietitian) Camille Jankowski (Dietitian)	Council for Europe Resolution '10 key Characteristics for Good Nutritional care in Hospitals'	Y	Y	
Management of Gastroenteritis in the Emergency Department	Emergency Department	Ann Frampton (Cons)	NICE Guidance (due April 2009)		Y	
Management of Urinary Tract Infection in the Emergency Department	Emergency Department	Ann Frampton (Cons)	Re-audit CA ID 1176 NICE CG 54 (Aug 2007)			
Voice of the child	Emergency Department	Lisa Goldsworthy (Cons) Katherine Penney	Re-audit CA ID 1961 Laming recommendations/ Child Protection		Y	
Diabetes annual review	Endocrinology	Christine Burren (Cons)	Re-audit CA ID 1929 NICE Guidance		Y	
The management of childhood obesity	Endocrinology	Julian Shields (Cons)	Re-audit CA ID 1700 NICE CG 43 (Dec 2006)	Y	Y	
Retinopathy screening reporting	Endocrinology	Christine Burren (Cons)	NICE CG 15 (Jul 2004) National Diabetes Audit requirement		Y	
Human growth hormone for the treatment of growth failure in children	Endocrinology	Christine Burren (Cons)	NICE TA 42 (May 2002)		Y	
Discharge criteria for Tonsillectomy /Adenoidectomy Day Cases	Ears Nose and Throat (ENT)	Claire Langton Hewer (Cons)	Audit of local policy		Y	
Cochlea implants for children	Ears Nose and Throat (ENT)	Michael Saunders (Cons)	NICE TA 166 (Jan 2009)		Y	
Transition to adult services	Gastroenterology	Bhupinder Sandhu (Cons)	Department of Health National Service Framework Guidance	Y	Y	Y
Coeliac disease - recognition and assessment	Gastroenterology	Christine Spray (Cons)	NICE Guidance (due May 2009)			
IV fluids prescription	General Paediatrics	Reg Bragonier (Cons)	Re-audit CA ID 2150 NPSA Alert (2005)		Y	
Use of antibiotics in Children's Services	General Paediatrics	Reg Bragonier (Cons)	Re-audit CA ID 1739 Trust Guidelines (2007)		Y	
Prescription charts	General Paediatrics	Reg Bragonier (Cons) Rachel Nestel Senior Pharmacist	Local and National (NHSLA) standards of prescription documentation		Y	
Discharge summaries	General Paediatrics	Reg Bragonier (Cons)	Quality of discharge summaries in General Paediatrics		Y	Y
Total parenteral nutrition (TPN)	Neonatal Intensive Care (NICU)	Pam Cairns (Cons) Jackie Moxham (Patient Safety Manager)	National directives expected because of safety concerns		Y	
Transfer of sick newborns to the neonatal unit	Neonatal Intensive Care (NICU)	James Tooley (Cons)	CNST Maternity Standards 3.5.3		Y	
The use of red cells in neonates	Neonatal Intensive Care (NICU)	Anoo Jain (Cons)	National Comparative Audit Planned National Audit (Sept 2009)		Y	
Anaemia management in children with #chronic kidney disease.	Nephrology	Carol Inward (Cons)	Re-audit CA ID 1594 NICE CG 39 (Sept 2006)		Y	Y

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Renal transplantation audit.	Nephrology	Jan Dudley (Cons)	Re-audit CA ID 1316 Audit of British Transplant Society (2003) & Renal Association (2002) guidelines		Y	Y
Management of children in end stage renal failure.	Nephrology	Jane Tizard (Cons)	Re-audit CA ID 1719 Renal Association treatment of adults and children with renal failure standards and measures 3rd Edition (Aug 2002)		Y	
Management of Epilepsy	Neurology	Phil Jardine (Cons)	Re-audit CA ID 1546 NICE Guidance CG 20 (Oct 2004)		Y	
Are children admitted under neurology receiving the Occupational Therapy input and rehabilitation that they require?	Occupational Therapy	Dani Winker (OT) Ruth Reid (OT) Phil Jardine (Cons)	Local consensus based standards underpinned by the NSF for children - standards for hospital services.			
When do children get better after Tonsillectomy?	Pain Service in conjunction with Anaesthesia	Sarah Parry (CNS) Pete Stoddart (Cons)	Re-audit CA ID 1029	Y	Y	
Accuracy of death certification in PICU and NICU	PICU	James Fraser (Cons) Peter Fleming (Cons)	Audit of accuracy based on local consensus		Y	Y
Resuscitation audit	PICU	Peter Davis (Cons)	Re-audit CA ID 1894 National Audit. Local assurance audit of data quality		Y	
Auditing the standard of Chest x-rays within Bristol Royal Hospital for Children	Radiology	Donna Dimond (Supt. Radiographer) Rob Hawkes (Cons)	Local Concern Auditing against consensus standards		Y	
Chest computerised tomography under general anaesthetic	Radiology	David Grier (Cons) Katy Phelps (Radiographer)	Auditing against local consensus standards		Y	
Gonad Shield placement	Radiology	Stephanie Mackenzie (Cons) Donna Dimond (Supt. Radiographer)	Re-audit CA ID 1965 Audit of local protocol		Y	
Hip ultra sound scans at six weeks	Radiology	Stephanie Mackenzie (Cons)	Audit of National Guidance		Y	
Surgical site infection	Surgery	Guy Nichols (Cons)	NICE CG 74 (Oct 2008)		Y	
Women's Services						
Re-Audit of health records	Obstetrics and Midwifery	Janet Pollard (Patient Safety Midwife)	CNST Maternity Standard 3.1.7		Y	
Compliance with national colposcopy standards	Gynaecology	Robert Anderson (Cons) Gynaecology Working Party	NHSCSP standard		Y	
Delays in diagnosing endometrial cancer	Gynaecology	John Murdoch (Cons) Gynaecology Working Party	Apparent problem area. Regional project by SW Cancer Intelligence Service		Y	
Obesity	Obstetrics and Midwifery	Sue Sellers (Cons) Antenatal Working Party	CNST Maternity Standard 3.3.8		Y	
Screening tests	Obstetrics and Midwifery	Jenny Ford (Modern Matron) Antenatal Working Party	CNST Maternity Standard 3.4.4		Y	
Venous thromboembolism	Obstetrics and Midwifery	Sue Sellers (Cons) Antenatal Working Party	CNST Maternity Standard 3.3.6		Y	
Emergency caesarean section	Obstetrics and Midwifery	Emma Treloar/Mike Kinsella (Cons) CDS Working Party	CNST Maternity Standard 3.2.1		Y	
Auscultation/electronic fetal monitoring	Obstetrics and Midwifery	Bryony Strachan (Cons) CDS Working Party	CNST Maternity Standards 3.2.2, 3.2.3		Y	

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
The use of oxytocin	Obstetrics and Midwifery	Emma Treloar (Cons) CDS Working Party	CNST Maternity Standard 3.2.5		Y	
Pre-eclampsia (community referrals)	Obstetrics and Midwifery	Community Matron Antenatal Working Party	CNST Maternity Standard 3.3.1		Y	
Severe pre-eclampsia/ eclampsia	Obstetrics and Midwifery	Rachel Liebling (Cons) Antenatal Working Party	CNST Maternity Standard 3.3.1		Y	
Assisted vaginal delivery	Obstetrics and Midwifery	Bryony Strachan (Cons) CDS Working Party	CNST Maternity Standard 3.3.2		Y	
Care of the bladder following delivery	Obstetrics and Midwifery	Bryony Strachan/Rachel Liebling (Cons) CDS Working Party	CNST Maternity Standard 3.3.2		Y	
Perineal trauma	Obstetrics and Midwifery	Belinda Cox (Practice Development Midwife) CDS Working Party	CNST Maternity Standard 3.3.3		Y	
Brachial plexus injury	Obstetrics and Midwifery	Emma Treloar (Cons) CDS Working Party	CNST Maternity Standard 3.3.4		Y	
Obstetric haemorrhage	Obstetrics and Midwifery	Emma Treloar (Cons) CDS Working Party	CNST Maternity Standard 3.3.5		Y	
Diabetes in pregnancy	Obstetrics and Midwifery	Sue Sellers/Emma Treloar (Cons) CDS Working Party	NICE CG 63 (Mar 2008) CNST Maternity Standard 3.3.7/		Y	
Transfer of sick newborn to neonatal unit	Neonatal Intensive Care (NICU)	David Harding (Cons)	CNST Maternity Standard 3.5.2		Y	
Transfer of sick newborn to an alternative place of care, including home into hospital	Neonatal Intensive Care (NICU)	David Harding (Cons)	CNST Maternity Standard 3.5.2		Y	
Compliance with standards from Confidential Enquiries	Obstetrics and Midwifery	Jackie Moxham (Patient Safety Manager)	Recommendations from CEMACH, NCEPOD, NCISH		Y	
Teenage pregnancy	Obstetrics and Midwifery	Bryony Strachan (Cons) Antenatal Working Party	Area of local concern		Y	

TRUSTWIDE

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Food policy (catering ward round)	Dietetics	Toni Williams (Chief Dietician)	Re-audit ID 2169 NPSA (2009) patient environment action team assessments; NICE CG 32 Nutrition support in adults (Feb 2006); data will be seen on a clinical dashboard and a real time 'traffic light' system.	Y	Y	
The duration of cannulae insertion	Infection Control	Divisional Leads	Highlighted by one of our Patient Governors as an area of concern. Local policy outlines standards.		Y	
Pre operative screening for MRSA	Infection Control	Divisional Leads	Highlighted by Cathy Bradshaw (Commissioning for Quality Manager – NHS Bristol). New infection control guidelines introduced		Y	
The "Bristol observation chart" audit	Nursing	Peter Murphy (Cons) Trevor Brookes (Modern Matron) Modern Matrons	New observation chart introduced as part of the Safer Patient Initiative. Compliance with completion to be audited.		Y	

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
			Also forms part of required evidence for NCEPOD "Emergency Admissions" study			
Essence of Care	Nursing	Modern Matrons	Department of Health initiative. The implementation of this initiative will lead to areas of audit.			
NHSLA documentation audit	Patient Safety Trust-wide	Nicky Henderson (Patient Safety Manager) CA Team responsible for coordination	NHS Litigation Authority standard 4.4. Annual requirement of the Trust. Standards to be amended to support required evidence for NCEPOD "Emergency Admissions" study		Y	
Are we consenting patients appropriately?	Surgical Specialties	Nicky Henderson (Patient Safety Manager)	NHS Litigation Authority Risk Management standard 1.4.3 Looking into the appropriate delegation of consent. Need for audit highlighted through the Clinical Risk & Assurance Committee.			
"Do not attempt resuscitation" documentation audit	Resuscitation Services	Jo Bruce-Jones (Resuscitation Manager) Resuscitation Officers (Trust-wide)	Need for audit identified through the Clinical Risk & Assurance Committee.			
Cardiac Arrest trolley audit	Resuscitation Services	Jo Bruce-Jones (Resuscitation Manager) Resuscitation Officers (Trust-wide)	To assess whether cardiac arrest trolleys within the trust carry the appropriate equipment		Y	
National Cardiac Arrest Audit	Resuscitation Services	Jo Bruce-Jones (Resuscitation Manager) Clinical Site Managers (Trust-wide)	New national audit on the horizon. We have been collecting similar data for a number of leads. This method will be adapted to capture the relevant data.		Y	
Shutdown/Start-up of anaesthetic machines	Theatres	Dawn Scott (ADM Theatres) Patient Safety Leads	The original audit of machine checking following a number of serious untoward incidents highlighted the need for Standard Operating Procedures to be written. Compliance with these will be audited in due course.		Y	
Open and honest communication following incidents, complaints and claims	Trust Services	Nicky Henderson (Patient Safety Manager)	NHS Litigation Authority Risk Management standard 1.5.10. Requirement to determine whether Trust procedures on "openness" are being followed.			
Discrimination against complainants	Trust Services	Anne Reader (Assistant Director Governance & Risk Management)	To ascertain whether complaints correspondence has inadvertently been filed in patient's casenotes. Supporting evidence required for Healthcare Standard 14b.			

Title	Sub-Specialty	Lead	Rationale	PPI	Multi	Int.
Medicines Management	Trust-wide	Divisional Leads to be identified	Audits highlighted by Medicines Management Committee			
The quality of discharge information	Trust-wide	Anne Berry (Discharge Manager)	The need for an audit has been highlighted by Sarah Blackburn (Chair of the Audit & Assurance Committee)			
Consultant input within 24hrs	Trust-wide	Divisional Leads	NCEPOD "Emergency Admissions" study. Audit evidence highlighted by Divisions as a priority.		Y	
Allergy identification audit	Trust-wide	Nicky Henderson (Patient Safety Manager)	To ensure that patients are wearing the correct ID bands identifying them as having an allergy		Y	

Appendix F - Clinical Audit Committee work plan 2009/10

Standing items at all meetings:

- Programme progress report and key performance indicators
- Review of national audit register
- Assurance Framework end of year report for Core Standard C5d

Date of meeting	Planned agenda items	Comments
2 nd April 2009	Discussion and agreement of full draft clinical audit programme for 2009/10	
	Annual invitation to Medical Director / Chair of Clinical Risk Assurance Committee	
18 th June 2009	Confirmation of BNSSG NICE College expectations for clinical audit of NICE guidance	
	Review of CAC attendance records April 2007-February 2009	
	Formal agreement of this work plan	
	Invitation to Director of IM&T	To discuss IM&T support for current and future clinical audit activity.
	Confirm plans for 2009 Clinical Audit awards, i.e. Oscars date; also discuss possibility of annual Divisional Clinical Audit prizes	
	Discuss how to involve FT Members	
	Present outline of evidence in readiness for potential CQC random inspection of Core Standard C5d	Random inspections may take place at any time from 1 st June
16 th September 2009	Agree recommendation to Board for C5d compliance	Assumes a half-year Declaration for 2009/10 as per CQC consultation
	Receive half-year update on progress against clinical audit forward plan	
	Discuss draft clinical audit policy and strategy documents	Review CAC Terms of Reference as part of this work
	Formal review of Action Plan agreed at November 2008 team away day; agree approach to any outstanding actions	
25 th November 2009	Invitation to Chair of Clinical Effectiveness Committee	To discuss how CAC and CEC can work together effectively to promote quality and clinical excellence.
February 2010	Invitation to Chair of Audit & Assurance Committee	To discuss the relationship between AAC and CAC.
	Determine forward plan process for 2010/11	

Appendix G - Clinical Audit Team action plan December 2008 – Summer 2009

Assistant Director for Audit & Assurance to action:

Task	Date
Strengthen C5d Assurance Framework for non-CA lines of enquiry	January 2009 – to coincide with next round of reporting for the Healthcare Standards
Contact Trust Members who have expressed an interest in clinical audit – find out how they would like to take the discussion forward	January 2009
More robust approach to flagging and acting upon ‘stuck’ projects at CAC	February 2009
2009/2010 planning needs to take account of Commissioner’s views; in particular need clarity about NICE audit expectations	February-April 2009
For CA lines of enquiry, do preparatory work for a possible C5d inspection - evidence checklists	By end of April 2009 (in readiness for a possible inspection in June/July)
Update CA strategy - needs to describe relationship with main commissioner (plus other changes too); record dissemination of this document once review completed	Suggest schedule this for June 2009 CAC
Explore possibility of establishing and funding annual audit prizes across Trust	Discuss at CAC April 2009 (with a view to prizes being awarded at end of 2009/10 year)
Look again at whether Dr Foster data can be used to focus clinical audit activity – Chris to d/w Medical Director	Pending outcome of discussions with Medical Director
Clarification of responsibilities for grey area activities	Pending outcome of discussions with Medical Director

Clinical Audit Manager and Clinical Audit Team to action:

Task	Date
Must have systems in place so that we know when all national clinical audits are due to report, and that we have audit trails demonstrating that findings of national audits have been discussed in appropriate local forums, and actions taken where appropriate	Urgent and ongoing
Develop interface audit – major priority area highlighted by Non-Executive Directors	Urgent and ongoing
Ensure accurate attendance records at audit meetings	Urgent and ongoing
Renewed focus on capturing and recording change as a result of audit (generate database reports to review o/s actions?)	Urgent and ongoing
Need to record when an approach has been made to primary care, even if nothing came of this, i.e. we can demonstrate that we have been trying to initiate suitable interface audit	January 2009
Cross-reference our list of Specialties with Directory of Services	January 2009
Can we demonstrate linkages between clinical incidents and audit topics - not just occasional topics, but processes for having these discussions?	January 2009
Develop proposals for trust-wide audit topics for 2009/10	February-April 2009
Need to get our training accredited - discuss Royal College options with James	March 2009

Review training (formats, etc)	March 2009
Review How To leaflets	March 2009
Making team meetings more productive - ideas for how these times will add value	April 2009
Developing lists of Divisional evidence to support entries in C5d AF	April 2009
Review potential for audit newsletters	Summer 2009
Develop staff satisfaction survey to find out what people think of the service we provide and how it might be improved – explore possibility of a short standard questionnaire being issued to all project leads at the end of projects	Summer 2009
Possibility of making CA/SR databases available on Connect in read-only format	Summer 2009

Appendix H - National audit participation list

The following abbreviations are used below to indicate the professional body responsible for the organisation of the project; HC - Healthcare Commission; NCAPOP - National Clinical Audit Patient & Outcome Program; RC - Royal College; O - Other

Title	Type	Division	Speciality
Cardiac Rehabilitation	HC	Specialised Services	Cardiac Services
Patients Pathway (cardiac outcomes)	HC	Specialised Services Woman's & Children's	Cardiac Services (Adult & Paediatric)
ERAN (Early Rheumatoid Arthritis Network)	HC	Medicine	Rheumatology
National Audit of Continence Care for Older People	HC/RC	Medicine	Care of the Elderly
Urinary Retention	HC/O	Medicine	Adult A&E
Fractured Neck of Femur	HC/O	Medicine	Adult A&E
Paracetamol Overdose	HC/O	Medicine	Adult A&E
Adult Cardiac Surgery	NCAPOP	Specialised Services	Cardiac Services
Congenital Heart Disease (inc paediatric cardiac surgery)	NCAPOP	Woman's & Children's	Children's Services (Paediatric Cardiac)
Cardiac Interventions (angioplasty)	NCAPOP	Specialised Services	Cardiac Services
Myocardial Infarction National Audit Programme (MINAP)	NCAPOP	Specialised Services	Cardiac Services
Heart Rhythm Management (pacing and ICDs)	NCAPOP	Specialised Services	Cardiac Services
Heart Failure Audit	NCAPOP	Specialised Services	Cardiac Services
Falls and Bone Health in Older People	NCAPOP	Medicine	Care of the Elderly
National Diabetes Audit	NCAPOP	Medicine Woman's & Children's	Medicine (Diabetes) Children's Services
National Asthma Audit in Adults	NCAPOP	Medicine	Adult A&E
National Sentinel Audit of Stroke	NCAPOP	Medicine	Care of the Elderly
National Bowel Cancer Audit (NBOCAP)	NCAPOP	Surgery, Head & Neck	Lower GI Surgery
Head & Neck Cancer (DAHNO)	NCAPOP	Surgery, Head & Neck	Dental, Max Fax, ENT

Title	Type	Division	Speciality
National Lung Cancer Audit (LUCADA)	NCAPOP	Surgery, Head & Neck Medicine	Thoracic Surgery Respiratory Medicine
National oesophago-gastric (stomach) cancer	NCAPOP	Surgery, Head & Neck Medicine	Upper GI Surgery Gastroenterology
Mastectomy and Breast Reconstruction	NCAPOP	Surgery, Head & Neck	Breast Surgery
Carotid Endarterectomy Audit	NCAPOP	Surgery, Head & Neck	Vascular Surgery
National Neonatal Audit Programme (NNAP)	NCAPOP	Woman's & Children's	Children's Services (Neonatology)
Paediatric Intensive Care Audit Network (PICANet)	NCAPOP	Woman's & Children's	Children's Services (PICU)
Emergency Admissions Study	NCEPOD	All relevant areas of the Trust	
Severely Injured Patients Study	NCEPOD	Medicine Woman's & Children's	Trauma departments (adult and paediatric)
Sickle Cell Disease & Thalassaemia	NCEPOD	Specialised Services Woman's & Children's	
Coronary Artery Bypass Grafts	NCEPOD	Specialised Services	Cardiac Services
Systematic Anti-cancer Therapy	NCEPOD	All relevant areas of the Trust	
Death in Acute Hospitals	NCEPOD	All relevant areas of the Trust	
Acute Kidney Injury	NCEPOD	All relevant areas of the Trust	
National audit of invasive cervical cancers	NCSP	Woman's & Children's	Gynaecology/ Histopathology
ICNARC Case Mix Program	O	Surgery, Head & Neck	Critical Care
National Asthma Audit	O	Woman's & Children's	Children's Services (General Paediatrics)
National Potential Donor Audit	O	Surgery, Head & Neck	Critical Care
Renal Transplant Outcomes	O	Woman's & Children's	Children's Services
Thoracic Register	O	Surgery, Head & Neck	Thoracic Surgery
National Port Cystic Fibrosis (CF) Database	O	Medicine	Respiratory
UK Heart Valve Registry	O	Specialised Services	Cardiac Services
National Comparative Audit of the use of Fresh Frozen Plasma	O	Diagnostics & Therapies	Lab Medicine

Title	Type	Division	Speciality
BAPM National Neonatal Data Set	O	Woman's & Children's	Children's Services (Neonatology)
National Audit of Paediatric Resuscitation	O	Woman's & Children's	Children's Services (PICU)
OTIS (Obstetric Transfusion and Iron Survey)	O	Woman's & Children's	Women's Services (Obstetrics and Midwifery)
Surgical Site Infection (SSI) Surveillance	O	Surgery, Head & Neck	Orthopaedics
Vermont Oxford Network Neonatal Care Benchmarking	O	Woman's & Children's	Children's Services (Neonatology)
Appropriate Use of Red Cells	O	Diagnostics & Therapies	Lab Medicine
National Audit of Services for people with Multiple Sclerosis	RC	Diagnostics & Therapies	Neurophysiotherapy
National Chronic Obstructive Pulmonary Disease (COPD) Audit	RC	Medicine	Respiratory
UK Inflammatory Bowel Disease (UK IBD)	RC	Medicine	Gastroenterology
National Audit of Major Complications of Spinal and Epidural Anaesthesia	RC	Surgery, Head & Neck	Anaesthesia
Occupational Health National Audit	RC	Medicine	Occupational Health
Single fraction radiotherapy for bone metastases	RC	Specialised Services	Oncology
Radiotherapy for the treatment of spinal cord compression	RC	Specialised Services	Oncology
UK Inflammatory Bowel Disease (UK IBD)	RC	Woman's & Children's	Children's Services (Gastroenterology)
Re-audit of bedside transfusion practice	RC	Diagnostics & Therapies	Laboratory Haematology
Audit of Percutaneous Nephrostomy	RC/O	Diagnostics & Therapies	Radiology
National Study of HIV in Pregnancy & Childhood	RC/O	Woman's & Children's	Children's Services
UK Comparative Audit of Upper Gastrointestinal Bleeding and the Use of blood	RC	Medicine	Gastroenterology/ Hepatology
Late effects of chemoradiotherapy for carcinoma of the cervix (V2.0)	RC	Specialised Services	Oncology