



Quality Account 2015/2016

Additional Clinical Audit Information



UHB Quality Account 2015–2016

The additional information on national and local clinical audits provided here relates to section '2.2.2 Information on participation in clinical audits and national confidential enquiries' of the Trust's 2015/16 Quality Report.

National Clinical Audits

The reports of 27 national clinical audits were reviewed by the provider in 2015/16 and UHB intends to take the following actions to improve the quality of healthcare provided:

Audit Title	UHB Participation?	Outcome
National Vascular Registry (NVR)	Yes	Compliant – no actions required
Oesophago-Gastric Cancer Audit (NAOGC)	Yes	Compliant – no actions required
Bowel Cancer (NBOCAP)	Yes	Compliant – no actions required
Procedural sedation	Yes	Patient information leaflet designed & regular education sessions initiated.
VTE Risk in Lower Limb Immobilisation	Yes	Assessment tool in development and re-audit planned.
Rheumatoid & Early Inflammatory Arthritis (EIA)	Yes	Report scheduled for release in late July 2016.
Parkinson's Audit	Yes	Compliant – no actions required.
Emergency Oxygen Audit	Yes	Compliant – no actions required
Cardiac Rhythm management	Yes	Report not released at time of writing.
Critical Care Case Mix Programme (ICNARC)	Yes	Compliant – no actions required.
Congenital Heart Disease Audit	Yes	Action plan in development in order to meet data entry requirements.
Acute Coronary Syndrome/Myocardial Infarction (MINAP)	Yes	Compliant – no action required
National Audit of Care of the Dying	Yes	Compliant – no action required
Percutaneous Coronary Intervention (PCI)	Yes	Compliant – no action required
Falls and Fragility Fractures Audit Programme	Yes	Compliant – no action required
Inflammatory Bowel Disease Programme	Yes	Report not released at time of writing.
National Lung Cancer Audit	Yes	Compliant – no action required
Trauma Audit & Research Network (TARN)	Yes	Compliant – no action required
National Adult Cardiac Surgery Audit	Yes	Data being used as part of service re-development.
National Cardiac Arrest Audit	No	Approval at Executive level to not participate.

Audit Title	UHB Participation?	Outcome
National COPD Audit Programme	Yes	Report not released at time of writing.
National Prostate Cancer Audit	Yes	Compliant – no action required
Renal Registry - Renal Replacement Therapy	Yes	Report not released at time of writing.
SSNAP (Sentinel Stroke National Audit Programme)	Yes	Action plan developed
National Joint Registry - NJR	Yes	Report not released at time of writing.
National Emergency Laparotomy Audit	Yes	Compliant – no action required
National Heart Failure Audit	Yes	Compliant – no action required

Local Clinical Audit

Over the financial year 504 local clinical audits were registered with the provider; of these 136 were completed and reports reviewed by the provider. At UHB, staff undertaking clinical audit are required to report any actions that should be implemented to improve service delivery and clinical quality to the Clinical Risk & Compliance department via an electronic recording system. Examples of specific actions reported are shown in the table below:

Specialty	Audit Title	Actions
Acute Medicine	Deep Vein Thrombosis (DVT) secondary care referral standards	A single page guidance document for community health care providers on the use of a rapid access DVT service to minimise the cost to the CCG and improve patient management
	Management of Upper Gastro-intestinal (GI) bleeds on the Clinical Decisions Unit (CDU)	Education around prescribing for junior doctors. Re-Audit.
	Management of Acute Asthma	Guidance/training on how to record peak expiratory flow (PEF) in the Prescribing Information and Communication System (PICS). More visible British Thoracic Society (BTS) guidelines to follow in both the clerking office and in admissions areas. Education for doctors about what information to include on discharge
Anaesthetics	A Survey of Anaesthetic Trainees' Confidence in using Anaesthetic Equipment	Quick-start guides to be produced and published to aid in education.
	Preoperative Fasting Times	Communicate results to relevant clinical staff to ensure they are aware of appropriate fasting time.
	Anaesthetic Trainee Seniority at Emergency Department Trauma Alerts	Discussion with departmental leads regarding on-call tiers and implementation of Code Red policy including consultant call in.
	Audit of contents of Anaesthetic drug cupboards	Standardise cupboards and contents.
	Anaesthesia in the Emergency Department	Audit form to be modified for future use and completion to be improved.
	Resuscitation equipment audit	No actions required.
	Inoculation Injuries in Anaesthetists	No actions required.
	Opiate disposal	Improve availability of disposal bins.
	Laryngoscope Audit - Availability and functionality in Theatre Environment	Results distributed among staff.
Patient satisfaction survey: management of post-operative pain in day-case patients	No actions required.	
Audiology	Clinical judgement as a predictor of caloric outcomes. Caloric stimulation is a test that uses differences in temperature to diagnose damage to the acoustic nerve which is involved in hearing and balance.	Recommended that during consultations clinicians must not be influenced by the results of the Nijmegen questionnaire. The Nijmegen questionnaire gives a broad view of symptoms associated with dysfunctional breathing patterns.
Breast Services	Adherence to Expanded Practice Protocol (EPP) Drainage of Seroma/Resolving Haematoma by Breast Care Clinical Nurse Specialist (CNS)	Review whether drainage of haematoma to be included in the protocol with nursing/medical leads. Update protocol accordingly.

Specialty	Audit Title	Actions
Burns	Oxandrolone prescribing in major burns	Re-audit with larger patient cohort.
Cardiology	Adult Congenital Heart Disease Patient Experience Survey	Ensure all appropriate patients continue to be referred to transfer clinics.
	Re-audit of radiation dose for coronary angiography and angioplasty	No actions required.
	Incorporation of Transoesophageal Echocardiography (TOE) reports into patients' management plans.	Clinicians to document the results of TOE/ Digital Subtraction Echocardiogram (DSE) reports in the correspondence and best to inform the patient about the outcome of the test and changes in the management plan on the basis of the imaging results. All Doctors writing outpatient clinic letters to refer to the results of TOE/DSE in their correspondence.
	Adherence to Expanded Practice Protocol for Sonographer-Led Bicuspid Aortic Valve (BAV) Screening Clinic	Update and distribute expanded protocol.
	All cause and cardiovascular mortality for patients having undergone cardiac ablation	No actions required.
Critical Care	Use of antifungals in patients on critical care	Encourage use of electronic prescribing notes (P noting) when prescribing any antifungals. Improve access to protocols in use of antifungals in liver patients.
	Management of atrial fibrillation (AF) in post-operative cardiac elective surgery patients in Critical Care	Ensure medical staff have read appropriate section of NICE guidance regarding treatment and anticoagulation. Establish consensus on when to start treatment.
	Timing of enteral nutrition establishment following admission to the critical care unit	Education of junior staff, incorporation of feeding into standard medical proforma, guidelines for dietetic involvement.
	Administration of vancomycin by continuous infusion and single daily dosing against local guidelines	Work to highlight incorrect prescriptions. Educate to increase correct prescriptions.
Dermatology	Performance of Minor Skin Excisions	Update Protocol. Communicate to relevant staff.
	Personal audit of diagnostic accuracy	No actions required.
	An audit on the comorbidity coding on PICS for Dermatology patients	Discussion of whether clinician coding patients on PICS is appropriate use of time in outpatients.
	Management of Patients with Toxic Epidermal Necrolysis (TEN) in a Tertiary Referral Centre	Adapt existing electronic systems to record all TEN patients who are discussed, referred and/or transferred. Code patients accurately on PICS.
Diabetic Medicine	Relationship between blood glucose and HBA1C in non-elective admissions	No actions required.
	Diabetes Inpatient Referrals Over Weekends	Commencement of weekend service by Diabetes Nurses.
	Relationship between blood glucose and HBA1C in unplanned admissions	No actions required.
	Patient Documentation on Ward 513	Ensure distribution of guidelines to clinical staff

Specialty	Audit Title	Actions
Elderly Care	Are patients on opioid analgesics being prescribed concurrent laxatives?	Education of junior doctors, review of prescribing protocol.
	The Diagnosis of UTI's and Urosepsis in the over 65's	Send a MSU/CSU for any patient who is suspected of having a urinary infection, even if antibiotics are started
	Barrier Nursing: How well are we complying?	Improve compliance with procedures for barrier nursing. Re-audit.
	Standard of junior doctor taking medication history for new patients	Poster in CDU office highlighting key points in Medication History Clerking Standards: Detail all medications currently taken by patient, including dose and route.
Emergency Medicine	Audit of Senior Sign-off.	Importance of documentation of discussion with senior staff re-iterated to medical staff.
	Screening for signs of Child Maltreatment	Raise awareness among staff and alter process to ensure better monitoring.
	Use of Abdominal X-ray in Emergency Department	No actions required.
	Spontaneous Pneumothorax in Adults	No actions required.
	Are we doing too many coagulation screens in the ED?	To maintain the checklists in the blood trolleys. To educate new starters about the correct indications for coagulation testing.
	Tranexamic acid use for patients with, or at risk of significant bleeding in trauma alerts	No actions required.
	Are we documenting bloods sent on the ED card?	Staff education re the importance of recording of blood tests sent from ED and their timing. 1 to 1 sessions with nursing staff, Junior & Middle Grade Doctor induction.
	Establishing the frequency of blood borne virus screening among IV drug users	Trial BBV screening programme
Endocrinology	A review of the inpatient endocrine service	Referral outcomes need to be formally recorded and actioned; transition from inpatient to outpatient care must be seamless.
	Assessment of Hyponatraemia Investigations on ward 513	Ensure guidelines are distributed to all junior doctors.
ENT (Ear, Nose and Throat)	Recording and management of surgical drains	Standardise way in which output is recorded (liaison with nursing staff). Consider set time for bottle change.
	Accuracy of tonsillectomy and thyroidectomy venous-thromboembolism (VTE) risk assessments	Encourage senior and junior medical staff to check VTE risk assessments following surgery. Re-audit.
	Audit of expanded practice protocol	Update expanded protocol and distribute to relevant staff.
	Post-tonsillectomy bleed rate	Re-Audit larger sample. Continue audit programme to validate.

Specialty	Audit Title	Actions
Gastro- enterology	Inflammatory Bowel Disease (IBD) Multi-disciplinary Team (MDT) record of outcomes	No actions required.
	Endoscopy for colonic wall thickening on computed tomography: is it necessary?	No actions required.
	Audit of post-surgical outcomes and management of patients with Crohn's Disease	No actions required.
General Medicine	Audit of Expanded Practice Protocol 874 - fitting Ambulatory Blood Pressure Monitor	Protocol updated and published on UHB website.
	Audit of Fracture Liaison Service	Continued education to users on presence of the service. Improve use of and analysis of data.
	Re-audit of Admission Delirium Assessment	Explore mechanisms to ensure delirium assessments are completed.
	Management of Constipation on the Medical Wards	Non-pharmacological and pharmacological treatment should be optimised. Encourage mobility, appropriate diet.
	Adherence to abbreviated mental test score (AMTS) tool for >75 year old patients	No actions required.
	Are hyperkalaemia guidelines being met?	Education for juniors incorporated into the induction programme. Guidance around risks for high potassium made available.
General Surgery	Investigation of Anaemia	Guidelines surrounding anaemia referrals to be regularly disseminated to keep up with changing clinical staff
	Post-operative ward-based pain control after GI surgery	Education of junior staff with regards to post-op pain control & further investment of time into improving post-op pain control
	Upper gastro-intestinal (UGI) surgical Standardised Care Pathway	Present results, re-audit in future.
	Monitoring of renal function around major gastro-intestinal (GI) surgery	Implementation of patient safety alert around AKI.
	Appropriate implementation of the Variable Rate Insulin Infusion (VRII)	Develop guideline & enforce importance of adhering to guideline.
	Colonoscopies converted to Flexible Sigmoidoscopies	No actions required.
Genito-Urinary Medicine (GUM)	Regional syphilis audit management	No actions required.
Haematology	Ensuring Hodgkin's Lymphoma Patients receive Irradiated Blood Products	Establishment of formal referral system, to include diagnosis, and incorporation into PICS. Re-Audit in 6 months.
	An audit of peri-operative bridging therapy in patients with atrial fibrillation on warfarin	Only patients who have had a stroke transient ischaemic attack (TIA) in the last 3 months to be bridged, PICS referral to be amended to specifically include this question
Haemophilia	Dental extraction in bleeding disorder patients.	Updated protocol for treatment during dental procedures.
Hands	Snapshot audit for adherence to antibiotic guidelines for management of hand infection.	Antibiotic guidelines to be introduced into induction material for surgical trainees and guidelines to be made more readily available in designated areas.
	Clinic Capacity for New Hand Trauma	Annual leave to be staggered, review of system to prevent minor issues re-occurring.

Specialty	Audit Title	Actions
Hepatobiliary & Pancreatic Surgery	Validation of a prognostic score after hepatocellular carcinoma (HCC) recurrence following liver transplantation	Comparison and discussion of results with other centres. Further audit and comparison of data required.
Hepatology	Audit of EPP for the performance of venesection LOPD	Protocol updated and disseminated to all relevant staff.
	Audit of adherence to EPP for CNS Led Maternal Hepatitis Clinic	Discuss with Lead for Service, and review/update protocol as appropriate.
Imaging	Observation Audit of Patients Requiring Escort Inpatient Imaging Department	No actions required.
	Audit of Imaging Examinations of Upper GI	Expanded protocol reviewed and distributed
	Audit of protocol	Ensure protocol updated & distributed to all relevant staff
Maxillo-facial Surgery	Review of protocol for the provision of oral health education	Referral process to be reviewed and policy updated/distributed.
Neurology	Reviewing the Diagnosis and Management of Epilepsy	No actions required.
Neurosurgery	Audit of enhanced recovery programme in spinal surgery	No actions required.
	Hot Clinic and Fracture Clinic: analysis of one year of service	No actions required.
	Poor grade sub-arachnoid haemorrhage (SAH): Where UHB, the UK and the world stand	Re-audit.
Occupational Medicine	Assessing Occupational Health clearance for non-medical theatre staff performing exposure prone procedures	Distribute guidelines/procedures and ensure these are kept to.
	Audit on the Asbestos Health Surveillance Programme	Process to be reviewed.
Oncology	Incidence of vomiting in oncology patients	Antiemetic regimes should be constantly reviewed.
	Venous Thrombo-embolism (VTE) prophylaxis (prevention) in oncology patients.	No actions required.
	Radiotherapy Fractionation for the Palliative Treatment of Bone Metastases	Must record reason for multi-fraction treatments. Audit to ensure ongoing compliance.
	Awareness of Neutropenic sepsis in Oncology patients on Chemotherapy	Information leaflets to be produced and distributed.
	Sarcoma Patient Satisfaction Survey	Improve telephone and face-to-face availability to patients, distribute improved information to patients.
Ophthalmology	Three month "Did Not Attend" rates in a single consultant's glaucoma clinics	No actions required.
	Audit of severity of glaucoma in the uveitis service and methods of assessment of progression.	Establishment of clear clinical guidelines for assessing progression.
	Assessing the accuracy of intra-ocular pressure measurements using the Tonopen applanation tonometer	Replacement of current equipment with more accurate equipment.
	Current Compliance to NICE Guidelines in Glaucoma	Increase awareness of guidelines

Specialty	Audit Title	Actions
Pain Services	Expanded Practice Protocol for the Registered Nurse-led transcutaneous electrical nerve stimulation (TENS) clinic	Expanded protocol updated. Staff familiarised & trained with regards to new protocol.
Pathology	Adherence of adrenal tumour histopathology reports to the Royal College of Pathologists proforma	Introduction of automated electronic proforma.
	Bowel Cancer Screening Pathology Audit	No actions required.
Plastic Surgery	Comparison of acellular dermal matrix (ADM) assisted breast reconstruction outcomes with National Mastectomy and Breast Reconstruction Audit (NMBRA) targets	No actions required.
Pre-Admission Screening	Pre-screening medication compliance	To use PICS to record all medications
	Pre-admission documentation of regular medication	Education of pre-admission staff, changes to patient letters, merge current standards to one clear standard to prevent fragmentation
Pre-Assessment	Audit investigating the number days for Bridging referral to TCI for surgery	Results shared with specialties & consultants so that they are aware of the time requirements for bridging referral
Radiology	Predictive Value of Imaging Red Flag Signs for Lung, Upper & Lower Gastrointestinal Cancers	Ensure newly introduced guidelines are being met and re-audit in a year.
	Communication of additional findings following consultant review of on-call scans	No actions required.
Renal Medicine	Adherence to 914 Expanded Practice Protocol for referral for Haemodialysis (HD) Line Procedures by HD Access Nurse Specialists	No actions required.
	Tunnelled Line Insertion and Exchange	No actions required.
Reproductive & Sexual Health	Combined hormonal contraception and the risk of deep vein thrombosis (DVT): Does prescribing meet the Faculty of Sexual & Reproductive Healthcare (FSRH) standards	Guidelines and audit results to be disseminated to relevant staff.
	Documented evidence of palpable Sub-dermal Contraceptive Implant at the time of insertion	No actions required.
Respiratory Medicine	Audit of cannula documentation on Ward 516	Update Controlled Document 718.2 Expanded Practice Protocol. Ensure all staff aware.
Rheumatology	Out Patient satisfaction survey: Patients attending Rheumatology clinic	Share information from survey findings with UHB management to influence problems. Look at changing appointment letters to mention parking and waiting times issues.
	Audit of recruitment at Queen Elizabeth Hospital of patients with early inflammatory arthritis (EIA)	No actions required.
	Rituximab infusion for rheumatoid arthritis	Encourage clinicians to discuss about a low dose rituximab regime for ongoing long-term treatment.
	Pre-Methotrexate Chest x-ray (CXR)	No actions required.

Specialty	Audit Title	Actions
Therapies	Audit of CD 474 Expanded Practice Protocol for Registered Allied Health Professionals (AHPs) to Request Magnetic Resonance Imaging scans (MRIs)	Continue to review protocol.
	Audit of CD 475 Expanded Practice Protocol for Allied Health Professionals (AHPs) to refer for x-ray	Continue to review protocol.
Tissue Viability	Foam Mattress Audit	Ensure mattresses are appropriate for use and free from contamination.
Trauma & Orthopaedics	Incidence of post-operative infections requiring wound washouts in theatre.	To suggest the introduction of the system of administration of vancomycin powder in the wound prior to deep closure in our high risk group of hemiarthroplasty / clavicle fixation patients
	Audit of Antimicrobial Prophylaxis of Closed Ankle Fracture Fixation	Further education and guideline implementation. Re-Audit in future.
	X-ray referral by Trauma Nurse Practitioners (TNPs), Limb Reconstruction Clinical Nurse Specialist (CNS) and Hands CNS	No actions required.
	Prescribing Information and Communication System (PICS) comorbidity audit	Education of junior staff with regards to importance of filling in comorbidity tab
	Post hip fracture discharge with appropriate length of venous thromboembolism (VTE) chemical prophylaxis (medication to reduce risk of developing VTE)	Education of medical staff. Adaptation of PICS.
	Utilisation of nurse led clinic in trauma and orthopaedics	Increase awareness of service, develop procedure for referral to service
	Management of lower limb fractures compliance with the BOAST4 Guidelines	Improve time management and documentation, re-audit.
	Correct application of anti-embolism stockings in Orthopaedic Patients	Re-audit. Ensure incoming junior staff are educated as to the importance of correct application.
	Trauma and Orthopaedic Operation Note Audit	Discuss importance of standardising op notes. Distribute requirements for standardised op notes when established.
	Measuring ankle injuries against Ottawa ankle rules (when a patient needs an x-ray)	No actions required.
Trust-wide	Audit of Drug Administration and Storage	Feedback results to Chief Nurse, Associate Directors of Nursing and Pharmacy leads.
	Pilot of Discharge Lounge Handover Checklist	No actions required.
	Customer Care Benchmark	Customer Care training to be implemented where necessary
	Enhanced Care Pilot Results- Quality	Ongoing changes through Plan Do Study Act (PDSA) quality improvement cycles
Urology	Indication and referral origin for patients referred for urodynamics	Staffing/equipment increases required to clear backlog.
	Ureteral Strictures - Spectrum of Presentation	Development of algorithmic approach to treatment from audit results
	An audit on the discussion of malignant histology results at the multi-disciplinary team (MDT) meetings.	Further investigation required and re-audit.

Specialty	Audit Title	Actions
Vascular Surgery	Concomitant laxative & antiemetic prescribing with morphine use in vascular patients	Encourage accurate completion of stool charts. Discuss audit findings with nursing staff. Re-Audit in 6 months.
	Perioperative management of diabetes in vascular surgery	Easier access to guidelines, and clearer display of guidelines.
	Does routine duplex surveillance for restenosis post carotid endarterectomy (CEA) have any benefit?	No actions required.

Glossary

Term	Definition
Ablation	A procedure on cardiac cells to treat arrhythmia (irregular heart beat)
ADM	Acellular dermal matrix - used in breast reconstruction
AF	Atrial fibrillation – a kind of irregular heart beat
AKI - Acute Kidney Injury	Sudden damage to the kidneys that causes them to not work properly
AMTS	Abbreviated mental test score
Analgesic / Analgesia	Painkiller medication
Bicuspid aortic valve (BAV)	The aortic valve (a valve in the heart) usually has three leaflets, or flaps. BAV is when it only has two.
BOAST4	Guidelines for management of fractures in the leg
BTS	British Thoracic Society
CCG	Clinical Commissioning Group
CDU	Clinical Decision Unit
CEA	Carotid Endarterectomy – removal tissue from the carotid artery
Clavicle	Collarbone
CNS	Clinical Nurse Specialist
Code Red Policy	How to manage certain emergency patients
Concomitant	Accompanying, associated
Congenital	A condition that a person is born with
COPD	Chronic Obstructive Pulmonary Disease – lung disease
CSU	Catheter Specimen Urine
CT – Computed Tomography	A type of scan
CXR	Chest radiograph (x-ray)
DSE	Digital Subtraction Echocardiogram – a type of ultrasound scan of the heart
DVT	Deep vein thrombosis (DVT) is a blood clot in one of the deep veins in the body.
ED	Emergency Department
EIA	Early Inflammatory Arthritis
Enteral nutrition	Any method of feeding that uses the gastrointestinal (GI) tract to deliver part or all of a person's caloric requirements. It can include a normal oral diet, the use of liquid supplements or delivery of part or all of the daily requirements by use of a tube (tube feeding)
EPP / Expanded Practice Protocol	A protocol that allows a nurse to carry out a specific procedure – it shows that they are trained, and competent to do so.
Fasting	The period of time before surgery where the patient does not eat or drink
FSRH	Faculty of Sexual & Reproductive Healthcare
GI	Gastrointestinal
Haematoma	A solid swelling of clotted blood
HbA1c	A form of haemoglobin that can be measured to monitor diabetic control
HCC	Hepatocellular carcinoma – a type of liver cancer
HD	Haemodialysis – a way of filtering the blood for patients with kidney failure
Hemiarthroplasty	A type of hip replacement

Term	Definition
Hyperkalaemia	High levels of potassium in the blood
IBD	Irritable bowel disease
ICU	Intensive Care Unit (sometimes called Critical Care, or ITU)
IV	Intravenous
Laparotomy	A surgical incision into the abdomen
Laryngoscope	An instrument for examining the larynx, or for inserting a tube through it.
MDT	Multi-disciplinary team – a team made up of (e.g.) doctors, nurses, and therapists
Methotrexate	Methotrexate treats cancer by slowing the growth of cancer cells. Methotrexate treats psoriasis by slowing the growth of skin cells to stop scales from forming. Methotrexate may treat rheumatoid arthritis by decreasing the activity of the immune system.
MRI	Magnetic resonance imaging scan
MSU	Mid-stream urine – a urine specimen
Myocardial infarction	Heart attack
Neutropaenic sepsis	A blood infection in patients with low levels of white blood cells
NICE	National Institute for Health and Clinical Excellence
Nijmegen questionnaire	A way of assessing breathing difficulties
NMBRA	National Mastectomy and Breast Reconstruction Audit
NOF	Neck of femur (part of the hip joint)
OH	Occupational Health
Oxandrolone	A steroid,
P note	A function within the Trust's PICS computer system
PDSA	Plan, Do, Study, Act – a quality improvement process
PEF	Peak expiratory flow – a way of assessing breathing in people with lung problems
Percutaneous Coronary Intervention (PCI)	Angiography, angioplasty
PICS	Patient Information and Prescribing System – a UHB computer system for prescription and administration of drugs, recording of observations, making referrals, writing discharge letters.
Pneumothorax	An abnormal collection of air between the lung and chest wall
Prophylaxis	A drug or other intervention to prevent a disorder from occurring
Restenosis	When an artery or vein becomes blocked/narrowed again following a procedure
Rituximab	Used to treat conditions such as lymphoma, leukaemia and transplant rejection
RN	Registered Nurse
SAH	Sub arachnoid haemorrhage – a bleed on the brain
Sarcoma	A cancer arising from bone, fat, muscle or certain another body tissues
Seroma	A pocket of clear serous fluid sometimes develops in the body after surgery
TCI	"To Come In" – the expected date of admission
TENS	Transcutaneous electrical nerve stimulation – a process often used to treat pain
TIA	Transient ischemic attack
TNP	Trauma Nurse Practitioner

Term	Definition
TOE – Transoesophageal echocardiography	A type of ultrasound scan of the heart
Toxic Epidermal Necrolysis (TEN)	A rare, life-threatening skin condition that is usually caused by a reaction to drugs
Tranexamic acid	A drug used to treat or prevent excessive blood loss
UHB	University Hospitals Birmingham
Ureteral strictures	A narrowing the tube between the kidney and bladder
Urodynamics	Study of the bladder, urethra and their function
Urosepsis	Infection of the urinary system
UTI	Urinary tract infection
Uveitis	Inflammation of the uvea – part of the eye
Vancomycin	An antibiotic
VTE	Venous thromboembolism – blood clot