

**BAUS Bladder Outflow Obstruction (BOO) Audit November 2019 - National Summary Results**

Data Item	National Figures	
Total Cases	1456 (median 11) of which 1303 were from England = 80 % of expected Total of 1620 according to HES** (106 cases from Scotland; 32 from Wales & 15 from Northern Ireland)	
Median Age	72 (IQR67 – 77)	
Indication for surgery:*		
LUTS failed medical therapy	58% (846/1451)	
Acute or Chronic retention	43% (624/1451)	
Procedure Performed:		
Bipolar TURP	548	37.7%
Monopolar TURP	332	22.8%
HoLep	149	10.2%
UroLift	108	7.4%
Green Light Laser	89	6.1%
Rezum	70	4.8%
BNI / TUIP	68	4.7%
Prostatic artery embolization	61	4.2%
Open prostatectomy	2	0.1%
Other	27	1.9%
<b>1. Safety Domain</b>		
<b>1a. Assessment</b>		
Digital rectal examination performed (NICE/EAU)	1151	81.5%
Previous Frequency Volume chart LUTS patients (NICE/EAU)	209	29.4%
LUTS patients with documented symptom score (EAU)	414	49.8%
LUTS patients with documented uroflowmetry data (EAU)	573	76%
<b>1b. Complications</b>		
Infection requiring IV antibiotics	49	3.4%
Transfusions	12	0.8%
Return to theatre	7	0.6%
Readmissions (GIRFT target 9.6%)	36	3.8%
<b>2. Efficacy Domain</b>		
<b>2a. Catheters</b>		
Failed initial trial without catheter	199	13.9%
Catheter free at follow up (patients with catheter/ISC pre-op)	365/422	86.5%
<b>2b. Resource usage</b>		
Median length of stay	1 day	
<b>3. Accessibility Domain</b>		
Median time to surgery – catheterised patients	85 days	
Median time to surgery - non catheterised patients	112 days	

\* Both indications might be present in one patient

(\*\* HES figures are not always accurate - A % close to 100% for any one site suggests good recording: a higher % may indicate incorrect HES coding at Units: a low % suggests incomplete returns or poor HES coding.)

## BAUS Bladder Outflow Obstruction (BOO) Audit – Information for Trusts

### Quality Accounts & Reporting

- This audit is included in the Quality Accounts List 2020/21
- The national summary results were presented at the BAUS 2020 Virtual Annual Meeting in November 2020 and uploaded onto the BAUS website in November 2020
- Individual unit feedback was sent to the Clinical Lead for Urology in all participating units to allow benchmarking against the national data and to drive quality improvement
- The audit measured compliance with NICE and EAU guidelines and variation in assessment and treatment, including waiting times and indications for surgery across the UK

### Data Collection

- Data was collected on all men undergoing intervention for BOO (including PAE) during November 2019
- Data submission took place between 1 April and 30 June (the initial data collection period of 1 month was extended owing to the COVID-19 pandemic)
- Data collection was retrospective to allow entry of follow-up data (if normal practice in the unit)
- Anonymised unit level data only was collected
- 1456 datasets were captured from 105 hospitals (see below), including hospitals in Wales, Scotland and Northern Ireland

### Re-auditing

- A template for this audit and guidance on how to repeat it in your Trust, is available by **email from Louisa Hermans** (Programme Manager)

## BAUS Bladder Outflow Obstruction (BOO) Audit - Contributing Hospitals

Aberdeen Royal Infirmary  
Addenbrooke's Hospital, Cambridge  
Aintree University Hospital, Liverpool  
Airedale Hospital  
Alexandra Hospital, Redditch  
Altnagelvin Area Hospital, Londonderry  
Arrowe Parke Hospital, Wirral  
Barnsley Hospital  
Basildon University Hospital, Essex  
Basingstoke & North Hampshire Hospital  
Birmingham City Hospital  
Borders General Hospital, Melrose  
Broomfield Hospital, Chelmsford  
Burnley General Hospital  
Cheltenham General Hospital  
Chesterfield Royal Hospital  
Churchill Hospital, Oxford  
Countess of Chester Hospital  
Croydon University Hospital, Surrey  
Darent Valley Hospital, Kent  
Derriford Hospital, Plymouth  
Diana, Princess of Wales Hospital, Grimsby  
Doncaster Royal Infirmary  
Eastbourne District General Hospital  
Epsom General Hospital, Surrey  
Forth Valley Royal Hospital, Larbert  
Freeman Hospital, Newcastle  
Friarage Hospital  
Frimley Park Hospital  
Gartnavel General Hospital, Glasgow  
Glasgow Royal Infirmary  
Goole & District Hospital  
Guy's and Thomas's Hospital  
Heartlands Hospital, Birmingham  
Hereford County Hospital  
Huddersfield Royal Infirmary  
James Paget University Hospital, Great Yarmouth  
Kent & Canterbury Hospital  
Kettering General Hospital  
King's College Hospital, London  
King's Mill Hospital, Nottinghamshire  
Kingston Hospital, London  
Leicester General Hospital  
Lincoln County Hospital  
Lister Hospital, Stevenage  
Manchester Royal Infirmary  
Monklands District General Hospital, Airdrie  
Morrison Hospital, Swansea

Musgrove Park Hospital, Taunton  
New Cross Hospital, Wolverhampton  
Noble's Hospital, Isle of Man  
Norfolk and Norwich University Hospital  
North Devon District Hospital  
North Manchester General Hospital  
North Middlesex Hospital, London  
Nottingham City Hospital  
Peterborough City Hospital  
Pilgrim Hospital, Boston  
Pinderfields General Hospital, Wakefield  
Queen Alexandra Hospital, Portsmouth  
Queen Elizabeth Hospital, Birmingham  
Queen Elizabeth Hospital, King's Lynn  
Queen Elizabeth Hospital, Woolwich  
Queen Elizabeth University Hospital, Glasgow  
Queen Margaret Hospital, Dunfermline  
Royal Alexandra Hospital, Paisley  
Royal Berkshire Hospital  
Royal Blackburn Hospital  
Royal Bournemouth General Hospital  
Royal Cornwall Hospital, Truro  
Royal Derby Hospital  
Royal Devon & Exeter Hospital  
Royal Hampshire County Hospital, Winchester  
Royal Liverpool & Broadgreen University  
Hospitals  
Royal Preston Hospital  
Royal Stoke University Hospitals  
Royal Surrey County Hospital, Guildford  
Royal United Hospital, Bath  
Russells Hall Hospital Dudley  
Salford Royal Hospital  
Salisbury District Hospital  
Scunthorpe General Hospital  
South Eastern Health Trust, Northern Ireland  
Southampton General Hospital  
Southend Hospital  
Southmead Hospital, Bristol  
St George's Hospital, London  
St James University Hospital, Leeds  
St Mary's Hospital, Isle of Wight  
St Richard's Hospital, Chichester  
Stepping Hill Hospital, Stockport  
Stobhill Hospital, Glasgow  
Torbay Hospital, Torquay  
University Hospital of Wales, Cardiff  
University Hospital, Coventry  
Victoria Hospital, Kirkcaldy  
Warwick Hospital

West Cumberland Hospital, Whitehaven  
West Suffolk Hospital  
Western General Hospital, Edinburgh  
Wexham Park Hospital, Slough  
Whiston Hospital  
Worthing Hospital  
Wrexham Maelor Hospital  
Wythenshawe Hospital, Manchester

June 2020