

BAUS Nephrectomy Registry 2016 - 2019

National Summary Results

Total cases: 30,302 procedures from 394 consultants at 167 Hospital centres in the UK including 1035 private patients from 128 consultants:

England – 27,966; Scotland – 1,858; Wales – 298; Northern Ireland 49; Republic of Ireland 104; Channel Islands 8

Median number of cases per Consultant over 4 years= 54 (range 1 – 485); IQR = 16.5 - 104

Median number of cases per Centre over 4 years = 122 (range 1 – 1,173); IQR = 37 – 277

Data Item	National Figures			
	Radical	Partial	Nephroureterectomy	Simple (Benign)
Total Cases	15,475	6,837	4,274	3,201
Diagnosis: Malignant Benign	14,803 (97.5%) 384	6,564 (96.8%) 219	4,034 (96.6%) 142	- 3,199 (100%)
Technique: Laparoscopic Open Robotic	11,201 (74%) 3,246 (21.4%) 697 (4.6%)	904 (13.4%) 1,551 (23.0%) 4,286 (63.6%)	3,414 (82.2%) 307 (7.4%) 434 (10.4%)	2,639 (84.1%) 413 (13.2%) 87 (2.7%)
Age Proportion >= 70	66 (IQR 57-73) 34.1%	61 (IQR 52–69) 18.3%	72 (IQR 65–78) 55.0%	57 (IQR 48–67) 17.6%
Gender	Male: 9776 (63%) Female: 5696	Male: 4318 (63%) Female: 2518	Male: 2783 (65%) Female: 1490	Male: 1188 (37%) Female: 2013
Median Length of Stay (days) by Technique	Lap : 3 (IQR 2-4) Open: 6 (IQR 4-8) Robotic: 2 (IQR 2-4)	Lap : 3 (IQR 2-4) Open: 5 (IQR 4-7) Robotic: 2 (IQR 1-3)	Lap : 4 (IQR 3-6) Open: 7 (IQR 5-11) Robotic: 3 (IQR 2-5)	Lap : 3 (IQR 2-4) Open: 6 (IQR 4-10) Robotic: 2 (IQR 2-3)
Known Clavien Dindo Grade III plus complications	2.6%	3.8%	4.3%	3.8%
Known Transfusion Rate	6.5%	2.3%	4.0%	3.6%
30 day mortality	0.5%	0.1%	0.6%	0.3%
Hb < 120	35.5%	21.9%	42.4%	35.7%
Cytoreductive	7.8%	0.3%	1.2%	-
Exploration vena cava	4.9%	0.1%	0.3%	-
WHO status Proportion 2,3 or 4	11.4%	4.2%	14.1%	9.8%