

**THE BRITISH ASSOCIATION OF  
UROLOGICAL SURGEONS  
Section of Oncology**

**Analyses of Radical Prostatectomies performed between**

**January 1<sup>st</sup> and December 31<sup>st</sup> 2014**

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## AUDIT RESULTS SUMMARY – Radical Prostatectomy dataset

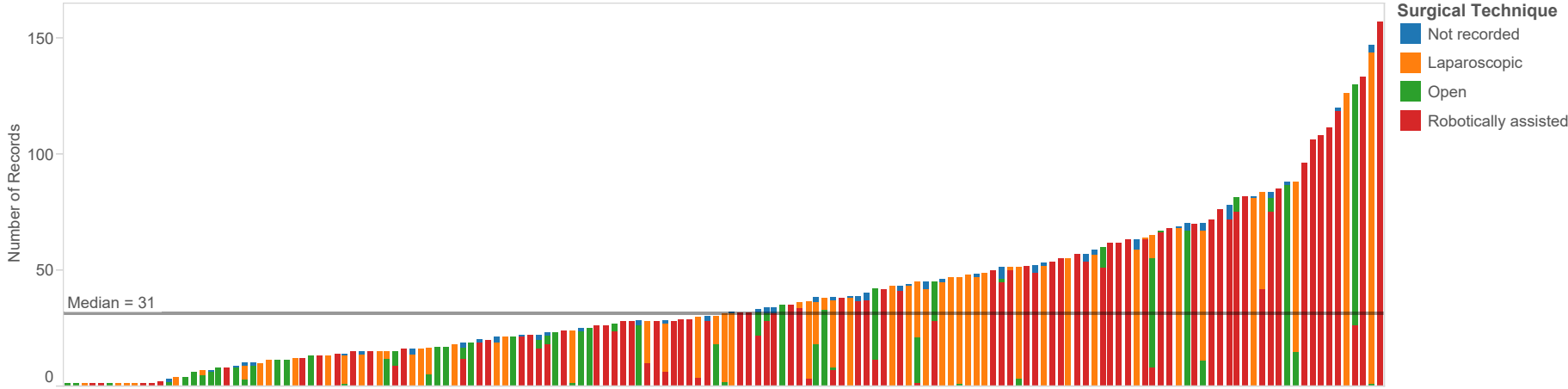
All the data presented here are a summary of the data extracted from the web-based database on 10<sup>th</sup> August 2015 and relate to operations performed during the whole of 2014. Once extracted the data was transferred to an Access<sup>TM</sup> database for validation before being imported into Tableau<sup>TM</sup> for generation of the analyses. The validation mainly comprised checks for duplicate and / or empty entries and invalid / inappropriate dates.

The data collection period was from 1 January 2014 to 31 December 2014.

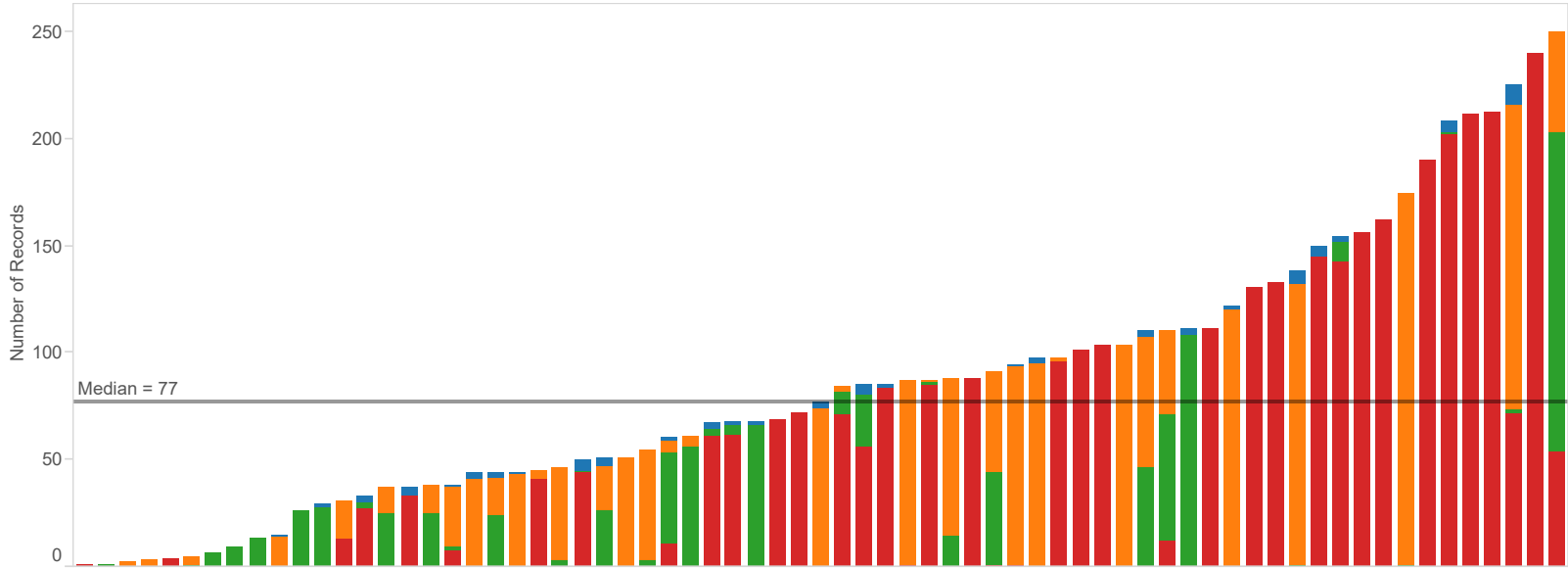
- 6,161 cases were submitted in total, of which 5,814 were from England. The 6,161 cases came from 157 consultants at 71 sites and include 292 private patients from 43 consultants.
- Median number of cases per consultant: 31 (range 1 - 157)
- Median number of cases per centre: 77 (range 1 - 250)
- The overall transfusion rate was 2.7% By technique, the transfusion rates were: open 6.5%, laparoscopic 0.8% and robotic 2.9%.
- 5,174 of the entries recorded whether there had been post-operative complications. The total post-op complication rate was 9.5% (491/5174). Of these 491 cases - 364 recorded the Clavien Dindo grade (i.e. 127 or 26% did not). The Clavien Dindo Grade III plus complication rate was 1.6%.
- Hospital Episode Statistics (HES) for 2014 indicate that there were 6,651 radical prostatectomies undertaken so we collected data on 87% of the radical prostatectomies undertaken in England in 2014. 58.5% were robotic assisted, 26.7% laparoscopic, 13.4% open and in 1.4% of cases the technique was not recorded.

# 2014 Radical Prostatectomies -6161 cases reported by 157 consultants from 71 sites (including 292 private cases from 43 consultants)

Total by Consultant



TotalbyCentre



### Reason for Prostatectomy

Reason For Prostatectomy	N	% Total
Primary treatment of cancer	4,816	78.2%
Previous active surveillance	689	11.2%
Salvage therapy	35	0.6%
Not recorded	621	10.1%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

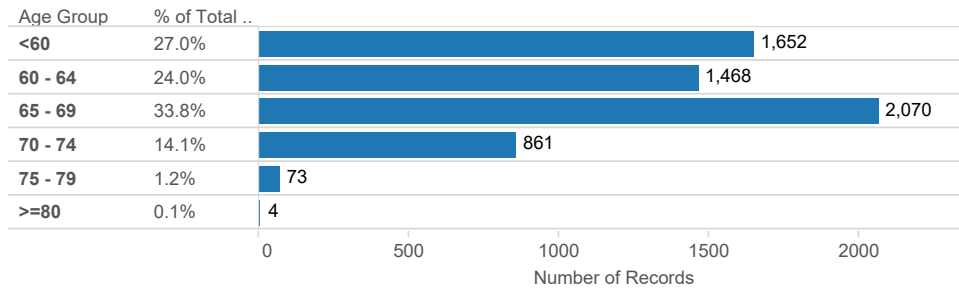
### Reason if Previous Active surveillance

If Previous Active Surveillance Reason For Prostatectomy	N	% Total
Clinical progression	68.0	9.9%
Gleason progression	229.0	33.2%
Patient decision	118.0	17.1%
PSA progression	241.0	35.0%
Not recorded	33.0	4.8%
<b>Grand Total</b>	<b>689.0</b>	<b>100.0%</b>

### Previous Management

Previous Management	N	% Total
None	5,305	86.1%
Brachytherapy	15	0.2%
HIFU	5	0.1%
Radiotherapy	22	0.4%
TURP	80	1.3%
Not recorded	734	11.9%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

### Age



### Surgical Technique

Surgical Technique	N	% Total
Open	849	13.8%
Laparoscopic	1,796	29.2%
Robotically assisted	3,427	55.6%
Not recorded	89	1.4%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

### BMI

Surgical Technique	N	Median Body Mass Index	Min. Body Mass Index	Max. Body Mass Index
Open	294	27	19	40
Laparoscopic	464	27	18	72
Robotically assisted	1,181	27	18	65
Not recorded	24	28	21	37
<b>Grand Total</b>	<b>1,963</b>	<b>27</b>	<b>18</b>	<b>72</b>

### ASA Grade

Asa Grade	N	% Total
ASA 1	1,760	28.6%
ASA 2	2,780	45.1%
ASA 3	121	2.0%
Not recorded	1,500	24.3%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

### Clinical T stage

Clinical T Stage (group)	N	% Total
0	11	0.2%
1	1,416	23.0%
2	2,989	48.5%
3	903	14.7%
4	1	0.0%
Not recorded / Known	841	13.7%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

### Comparison of Clinical and Pathological T stage

Clinical T Stage (group)	Pathological T Stage (group)													
	0		1		2		3		4		Not recorded / K..		Grand Total	
	N	% of Total	N	% of Total	N	% of Total	N	% of Total	N	% of Total	N	% of Total	N	% of Total
0	2	18.2%			6	54.5%	1	9.1%			2	18.2%	11	100.0%
1	5	0.4%	4	0.3%	849	60.0%	409	28.9%	4	0.3%	145	10.2%	1,416	100.0%
2	6	0.2%	2	0.1%	1,529	51.2%	1,138	38.1%	8	0.3%	306	10.2%	2,989	100.0%
3			1	0.1%	229	25.4%	568	62.9%	11	1.2%	94	10.4%	903	100.0%
4							1	100.0%					1	100.0%
Not recorded..	5	0.6%	1	0.1%	340	40.4%	183	21.8%	3	0.4%	309	36.7%	841	100.0%
<b>Grand Total</b>	<b>18</b>	<b>0.3%</b>	<b>8</b>	<b>0.1%</b>	<b>2,953</b>	<b>47.9%</b>	<b>2,300</b>	<b>37.3%</b>	<b>26</b>	<b>0.4%</b>	<b>856</b>	<b>13.9%</b>	<b>6,161</b>	<b>100.0%</b>

### Clinical Stage by Pre-op PSA

Clinical T Stage (group)	Pre-operative PSA											
	0-5		6-10		11-20		21-50		>50		Grand Total	
	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total
0	2	0.2%	8	0.3%	1	0.1%					11	0.2%
1	297	31.0%	755	28.7%	290	22.4%	44	16.1%	5	16.7%	1,391	26.8%
2	543	56.6%	1,480	56.2%	747	57.7%	130	47.6%	9	30.0%	2,909	56.0%
3	116	12.1%	392	14.9%	256	19.8%	99	36.3%	16	53.3%	879	16.9%
4	1	0.1%									1	0.0%
<b>Grand Total</b>	<b>959</b>	<b>100.0%</b>	<b>2,635</b>	<b>100.0%</b>	<b>1,294</b>	<b>100.0%</b>	<b>273</b>	<b>100.0%</b>	<b>30</b>	<b>100.0%</b>	<b>5,191</b>	<b>100.0%</b>

### Pathological Staging by Pre-op PSA

Pathological T Stage (group)	Pre-operative PSA											
	0-5		6-10		11-20		21-50		>50		Grand Total	
	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total
0	6	0.7%	3	0.1%	8	0.6%					17	0.3%
1	3	0.3%	1	0.0%	2	0.2%	1	0.4%			7	0.1%
2	593	66.0%	1,472	57.7%	605	47.3%	76	29.7%	5	17.9%	2,751	54.9%
3	293	32.6%	1,069	41.9%	657	51.3%	175	68.4%	23	82.1%	2,217	44.2%
4	3	0.3%	8	0.3%	8	0.6%	4	1.6%			23	0.5%
<b>Grand Total</b>	<b>898</b>	<b>100.0%</b>	<b>2,553</b>	<b>100.0%</b>	<b>1,280</b>	<b>100.0%</b>	<b>256</b>	<b>100.0%</b>	<b>28</b>	<b>100.0%</b>	<b>5,015</b>	<b>100.0%</b>

### Age at Operation by Biopsy Gleason Sum

Age Group	Biopsy Gleason Sum Score						Grand Total	
	5 - 6		7		8 - 10		N	% Total
	N	% Total	N	% Total	N	% Total		
<60	427	30.7%	987	25.8%	139	22.3%	1,553	26.6%
60 - 64	356	25.6%	883	23.1%	152	24.4%	1,391	23.8%
65 - 69	445	32.0%	1,342	35.1%	207	33.2%	1,994	34.1%
70 - 74	153	11.0%	566	14.8%	115	18.4%	834	14.3%
75 - 79	9	0.6%	48	1.3%	11	1.8%	68	1.2%
>=80			2	0.1%			2	0.0%
<b>Grand Total</b>	1,390	100.0%	3,828	100.0%	624	100.0%	5,842	100.0%

### Age at Operation by Surgical Gleason Sum Score

Age Group	Surgical Gleason Sum Score						Grand Total	
	5 - 6		7		8 - 10		N	% Total
	N	% Total	N	% Total	N	% Total		
<60	274	35.9%	1,145	26.1%	100	19.8%	1,519	26.9%
60 - 64	188	24.6%	1,053	24.0%	133	26.3%	1,374	24.3%
65 - 69	232	30.4%	1,486	33.9%	173	34.3%	1,891	33.5%
70 - 74	67	8.8%	643	14.7%	89	17.6%	799	14.1%
75 - 79	3	0.4%	50	1.1%	10	2.0%	63	1.1%
>=80			4	0.1%			4	0.1%
<b>Grand Total</b>	764	100.0%	4,381	100.0%	505	100.0%	5,650	100.0%

## Operating Surgeon

Grade Of Main Operating Surgeon	Supervised Training Operation						Grand Total	
	No		Yes		Not recorded			
	N	% Total	N	% Total	N	% Total	N	% Total
Consultant	3,261	98.4%	1,227	85.5%	1,149	81.4%	5,637	91.5%
SpR			202	14.1%	1	0.1%	203	3.3%
Other			2	0.1%			2	0.0%
Not recorded	53	1.6%	4	0.3%	262	18.6%	319	5.2%
<b>Grand Total</b>	<b>3,314</b>	<b>100.0%</b>	<b>1,435</b>	<b>100.0%</b>	<b>1,412</b>	<b>100.0%</b>	<b>6,161</b>	<b>100.0%</b>

## Conversions

Surgical Technique	Converted						Grand Total	
	Yes		No		Not recorded			
	N	% of Total	N	% of Total	N	% of Total	N	% of Total
Laparoscopic	15	0.8%	1,462	81.4%	319	17.8%	1,796	100.0%
Robotically assisted	5	0.1%	3,335	97.3%	87	2.5%	3,427	100.0%
<b>Grand Total</b>	<b>20</b>	<b>0.4%</b>	<b>4,797</b>	<b>91.8%</b>	<b>406</b>	<b>7.8%</b>	<b>5,223</b>	<b>100.0%</b>

## Duration of Operation by Technique

Duration Of ..	Surgical Technique						Grand Total	
	Open		Laparoscopic		Robotically assisted			
	N	% Total	N	% Total	N	% Total	N	% Total
<2.0 hours	178	20.97%	224	12.47%	621	18.12%	1,023	16.85%
2.0-3.9 hours	540	63.60%	1,209	67.32%	1,835	53.55%	3,584	59.03%
4.0-5.9 hours	47	5.54%	163	9.08%	281	8.20%	491	8.09%
>6.0 hours	4	0.47%	18	1.00%	13	0.38%	35	0.58%
Not recorded	80	9.42%	182	10.13%	677	19.75%	939	15.46%
<b>Grand Total</b>	<b>849</b>	<b>100.00%</b>	<b>1,796</b>	<b>100.00%</b>	<b>3,427</b>	<b>100.00%</b>	<b>6,072</b>	<b>100.00%</b>

## Nerve Sparing

Nerve Sparing	N	% Total
None	3,079	50.0%
Bilateral	1,722	28.0%
Unilateral	1,261	20.5%
Not recorded	99	1.6%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>

## Lymph Node Dissection

Lymph Node Dissection	N	% Total
None	3,295	53.5%
Extended	1,065	17.3%
Obturator fossae	1,321	21.4%
Not recorded	480	7.8%
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>



### KnownTransfusionRate

Transfusion	N	%
No	5,334	97.3%
Yes	149	2.7%
<b>Grand Total</b>	<b>5,483</b>	<b>100.0%</b>

### Tranfusions by Surgical Technique

Blood Units Transf..	Surgical Technique						Grand Total	
	Open		Laparoscopic		Robotically assisted		N	% Total
	N	% Total	N	% Total	N	% Total		
Nil	652	76.80%	1,530	85.19%	3,076	89.76%	5,258	86.59%
Minor (<3 units)	33	3.89%	7	0.39%	16	0.47%	56	0.92%
Moderate (3-6 units)	11	1.30%	5	0.28%	75	2.19%	91	1.50%
Major (>6 units)	1	0.12%	1	0.06%			2	0.03%
Not recorded	152	17.90%	253	14.09%	260	7.59%	665	10.95%
<b>Grand Total</b>	<b>849</b>	<b>100.00%</b>	<b>1,796</b>	<b>100.00%</b>	<b>3,427</b>	<b>100.00%</b>	<b>6,072</b>	<b>100.00%</b>

### TransfusionRatebyAge

Age Group	Transfusion					
	No		Yes		Grand Total	
	N	%	N	%	N	%
<60	1,408	97.2%	40	2.8%	1,448	100.0%
60 - 64	1,271	96.5%	46	3.5%	1,317	100.0%
65 - 69	1,803	97.5%	47	2.5%	1,850	100.0%
70 - 74	751	98.0%	15	2.0%	766	100.0%
75 - 79	66	98.5%	1	1.5%	67	100.0%
>=80	4	100.0%			4	100.0%
<b>Grand Total</b>	<b>5,303</b>	<b>97.3%</b>	<b>149</b>	<b>2.7%</b>	<b>5,452</b>	<b>100.0%</b>

### TransfusionRatebyTechnique

Surgical Technique	Transfusion					
	Yes		No		Grand Total	
	N	%	N	%	N	%
Open	45	6.5%	652	93.5%	697	100.0%
Laparoscopic	13	0.8%	1,530	99.2%	1,543	100.0%
Robotically assisted	91	2.9%	3,076	97.1%	3,167	100.0%
Not recorded			76	100.0%	76	100.0%
<b>Grand Total</b>	<b>149</b>	<b>2.7%</b>	<b>5,334</b>	<b>97.3%</b>	<b>5,483</b>	<b>100.0%</b>

### TransfusionRatebyASA

Asa Grade	Transfusion					
	Yes		No		Grand Total	
	N	%	N	%	N	%
ASA 1	43	2.6%	1,604	97.4%	1,647	100.0%
ASA 2	86	3.4%	2,452	96.6%	2,538	100.0%
ASA 3	8	7.0%	106	93.0%	114	100.0%
Not recorded	12	1.0%	1,141	99.0%	1,153	100.0%
<b>Grand Total</b>	<b>149</b>	<b>2.7%</b>	<b>5,303</b>	<b>97.3%</b>	<b>5,452</b>	<b>100.0%</b>

### KnownIntraopCompRate

Intraop Comps	N	% Total
yes	420	7.4%
no	5,276	92.6%
<b>Grand Total</b>	5,696	100.0%

### Known Post-operative Complication rate by Clavien Dindo Grade

Postop Comps	Post op Clavien Dindo grade	N	% Total
<b>Yes</b>	Grade I	163	3.15%
	Grade II	117	2.26%
	Grade III +	84	1.62%
	Not recorded	127	2.45%
	<b>Total</b>	491	9.49%
<b>No</b>	Not recorded	4,683	90.51%
	<b>Total</b>	4,683	90.51%
<b>Grand Total</b>		5,174	100.00%

### Clavien Dindo Grade of Post-Operative Complications by Technique

Postop Comps	Post op Clavien Dindo grade	Surgical Technique									
		Laparoscopic		Open		Robotically assisted		Not recorded		Grand Total	
		N	% Total	N	% Total	N	% Total	N	% Total	N	% Total
<b>Yes</b>	Grade I	46	3.0%	20	2.7%	94	3.3%	3	4.2%	163	3.2%
	Grade II	42	2.7%	25	3.3%	48	1.7%	2	2.8%	117	2.3%
	Grade III +	21	1.4%	14	1.9%	45	1.6%	4	5.6%	84	1.6%
	Not recorded	38	2.5%	56	7.5%	32	1.1%	1	1.4%	127	2.5%
	<b>Total</b>	147	9.5%	115	15.4%	219	7.8%	10	14.1%	491	9.5%
<b>No</b>	Not recorded	1,400	90.5%	632	84.6%	2,590	92.2%	61	85.9%	4,683	90.5%
	<b>Total</b>	1,400	90.5%	632	84.6%	2,590	92.2%	61	85.9%	4,683	90.5%
<b>Grand Total</b>		1,547	100.0%	747	100.0%	2,809	100.0%	71	100.0%	5,174	100.0%

## Specific Intraoperative Complications

Intra Operative Complications	N	% Total
Difficult dissection	234	55.7%
Problematic bleeding	69	16.4%
Problematic bleeding,Difficult dissection	52	12.4%
Rectal injury	18	4.3%
Ureteric injury	7	1.7%
Vascular injury	6	1.4%
Robotic device failure	6	1.4%
Port complications	5	1.2%
None,Difficult dissection	5	1.2%
Difficult dissection,Rectal injury	3	0.7%
None,Problematic bleeding	2	0.5%
Difficult dissection,Small bowel injury	2	0.5%
Small bowel injury,Port complications	1	0.2%
Problematic bleeding,Port complications	1	0.2%
Problematic bleeding,Difficult dissection,Rectal injury	1	0.2%
Problematic bleeding,Difficult dissection,Port complications	1	0.2%
Port complications,Robotic device failure	1	0.2%
None,Vascular injury	1	0.2%
Nerve injury	1	0.2%
Difficult dissection,Vascular injury	1	0.2%
Difficult dissection,Port complications	1	0.2%
Difficult dissection,Nerve injury	1	0.2%
Difficult dissection,Ureteric injury	1	0.2%
<b>Grand Total</b>	<b>420</b>	<b>100.0%</b>

## Specific Post operative complications

PostOperativeComplicationWithin30Days	N	% Total
None	283	67.4%
Anastomotic leak	7	1.7%
Anastomotic leak,PE / DVT,Return to theatre	1	0.2%
Chest infection	4	1.0%
Chest infection,Ileus	1	0.2%
Haematuria	5	1.2%
Haematuria,Anastomotic leak,PE / DVT	1	0.2%
Haematuria,Other	1	0.2%
Haematuria,Pelvic haematoma	1	0.2%
Haematuria,Pelvic haematoma,Return to theatre	1	0.2%
Haematuria,Urine leak,Pelvic haematoma	1	0.2%
Haemorrhage / bleeding	3	0.7%
Haemorrhage / bleeding,Return to theatre	1	0.2%
Ileus	2	0.5%
Ileus,Other	1	0.2%
Lymphocoele	3	0.7%
None,Other	1	0.2%
None,Urine leak	1	0.2%
PE / DVT,Ileus	1	0.2%
Pelvic haematoma	4	1.0%
Pelvic haematoma,Other	1	0.2%
Return to theatre	5	1.2%
Return to theatre,Other	1	0.2%
Sepsis	2	0.5%
Sepsis,Pelvic haematoma,Return to theatre	1	0.2%
Urine leak	7	1.7%
Urine leak,Anastomotic leak	2	0.5%
Urine leak,Ileus	1	0.2%
Urine leak,Pelvic haematoma	1	0.2%
Wound infection	4	1.0%
Wound infection,Sepsis,Ileus,Return to theatre	1	0.2%
Other	14	3.3%
Not recorded	56	13.3%
PE / DVT	1	0.2%
<b>Grand Total</b>	<b>420</b>	<b>100.0%</b>

## LOSbyTechnique

Surgical Technique	N	% Total	Median Length Of Stay	Min. Length Of Stay	Max. Length Of Stay
Open	849	13.8%	3	0	96
Laparoscopic	1,796	29.2%	2	0	84
Robotically a..	3,427	55.6%	1	0	547
Not recorded	89	1.4%	2	1	14
<b>Grand Total</b>	<b>6,161</b>	<b>100.0%</b>	<b>2</b>	<b>0</b>	<b>547</b>

## pT2 Positive Surgical Margin Rate

Margins (group) 1	N	% Total
Positive	449	16.36%
Negative	2,295	83.64%
<b>Grand Total</b>	<b>2,744</b>	<b>100.00%</b>

## pT2 Margins by Technique

Surgical Technique	Margins (group) 1				Grand Total	
	Negative		Positive		N	% of Total
	N	% of Total	N	% of Total		
Open	321	80.45%	78	19.55%	399	100.00%
Laparoscopic	659	80.17%	163	19.83%	822	100.00%
Robotically assisted	1,282	86.39%	202	13.61%	1,484	100.00%
Not recorded	33	84.62%	6	15.38%	39	100.00%
<b>Grand Total</b>	<b>2,295</b>	<b>83.64%</b>	<b>449</b>	<b>16.36%</b>	<b>2,744</b>	<b>100.00%</b>

## Positive Lymph Nodes

Number Of Lymph Nodes Sampled - group	Number Of Positive Lymph Nodes (group)													
	0		1 - 5		6 - 10		11 - 20		> 20		Not recorded		Grand Total	
	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total
1 - 5	689	41.21%	25	13.74%							150	43.10%	864	38.95%
6 - 10	474	28.35%	49	26.92%	2	18.18%					89	25.57%	614	27.68%
11 - 20	399	23.86%	81	44.51%	5	45.45%	1	25.00%			92	26.44%	578	26.06%
> 20	110	6.58%	27	14.84%	4	36.36%	3	75.00%	1	100.00%	17	4.89%	162	7.30%
<b>Grand Total</b>	<b>1,672</b>	<b>100.00%</b>	<b>182</b>	<b>100.00%</b>	<b>11</b>	<b>100.00%</b>	<b>4</b>	<b>100.00%</b>	<b>1</b>	<b>100.00%</b>	<b>348</b>	<b>100.00%</b>	<b>2,218</b>	<b>100.00%</b>

## Current Status

Current Status	Months to Follow-up (group)									
	0 - 3 months		4 - 6 months		7 - 12 months		> 12 months		Grand Total	
	N	% Total	N	% Total	N	% Total	N	% Total	N	% Total
Alive with no evidence of prostate cancer	621	88.21%	273	92.23%	318	90.08%	75	91.46%	1,287	89.69%
Alive with local recurrence of prostate cancer	24	3.41%	8	2.70%	14	3.97%	2	2.44%	48	3.34%
Alive with lymph node involvement by prostate cancer	5	0.71%	7	2.36%	7	1.98%	2	2.44%	21	1.46%
Alive with metastatic disease	2	0.28%			1	0.28%	1	1.22%	4	0.28%
Specific Status not recorded	52	7.39%	8	2.70%	13	3.68%	2	2.44%	75	5.23%
<b>Grand Total</b>	<b>704</b>	<b>100.00%</b>	<b>296</b>	<b>100.00%</b>	<b>353</b>	<b>100.00%</b>	<b>82</b>	<b>100.00%</b>	<b>1,435</b>	<b>100.00%</b>

## Participating Hospital Centres 2014

We are grateful to consultants from the following Centres / trusts who returned data for these analyses:

Aberdeen Royal Infirmary  
Addenbrooke's Hospital, Cambridge  
Alexandra Hospital, Redditch  
Arrowe Park Hospital, Wirral  
Barking, Havering And Redbridge University Hospital  
Belfast City Hospital  
Bradford Royal Infirmary  
Bristol Oncology Centre, United Bristol Health Care  
Burnley General Hospital  
Castle Hill Hospital, Hull  
Charing Cross Hospital  
Chelsea & Westminster Hospital, London  
Cheltenham General Hospital  
Christie Hospital  
Churchill Hospital, Oxford  
Colchester General Hospital  
Derriford Hospital, Plymouth  
Eastbourne District General Hospital  
Freeman Hospital, Newcastle  
Guy's & Thomas's Hospital  
Heartlands Hospital, Birmingham  
Kent and Canterbury Hospital  
Leicester General Hospital

Lincoln County Hospital  
Lister Hospital, Stevenage  
Maidstone Hospital  
Manchester Royal Infirmary  
Medway Maritime Hospital, Gillingham  
Milton Keynes Hospital  
Morrison Hospital, Swansea  
New Cross Hospital, Wolverhampton  
Norfolk And Norwich University Hospital  
Northampton General Hospital  
Nottingham City Hospital  
Pinderfields General Hospital, Wakefield  
Princess Elizabeth Hospital, Guernsey  
Queen Alexandra Hospital, Portsmouth  
Queen Elizabeth Hospital, Birmingham  
Royal Berkshire Hospital, Reading  
Royal Bournemouth General Hospital  
Royal Derby Hospital  
Royal Devon and Exeter Hospital  
Royal Hallamshire Hospital, Sheffield  
Royal Liverpool University Hospital  
Royal Marsden Hospital, London  
Royal Preston Hospital  
Royal Shrewsbury Hospital  
Royal Surrey County Hospital, Guildford

Royal Sussex County Hospital, Brighton  
Royal United Hospital, Bath  
Salford Royal Hospital  
Salisbury District Hospital  
Southampton General Hospital  
Southend Hospital  
Southmead Hospital, Bristol  
St George's Hospital, London  
St James's Hospital, Dublin  
St James's University Hospital, Leeds  
St Mary's Hospital (HQ)  
St Richard's Hospital, Chichester  
Stepping Hill Hospital, Stockport  
Sunderland Royal Hospital  
The James Cook University Hospital, Middlesbrough  
University Hospital of North Staffordshire  
Victoria Hospital, Kirkcaldy  
Walsgrave Hospital, Coventry  
Western General Hospital, Edinburgh  
Wexham Park Hospital, Slough  
Wycombe Hospital, High Wycombe  
Ysbyty Gwynedd Hospital, Bangor