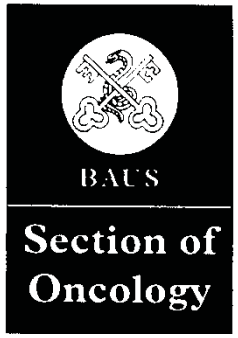



# THE BRITISH ASSOCIATION OF

# UROLOGICAL SURGEONS

# SECTION of ONCOLOGY

## Analyses of Radical Prostatectomy Dataset

## January 1st – 31st December 2011

## June 2012

**MEMBERS OF THE EXECUTIVE COMMITTEE**

| | | | |
|---|---|---|---|
| G Boustead | S Brewster | D Cahill | J Cresswell |
| J Crew | A McNeill | T O'Brien | V Srinivasin |



**PRODUCED FOR BAUS SECTION OF ONCOLOGY**

**by**

**Sarah Fowler**

**Manager BAUS data & audit project**

## CONTENTS

## GENERAL INTRODUCTION

Once again Sarah Fowler has done an exceptional job in producing the complex operations datasets for 2011. This is the first full years analysis of the updated datasets. As you will see the format and presentation has been updated and centres have been offered their own charts if they want these. This has been facilitated by introduction of Tableau™ software making the cross referenced analysis much easier.

The improvements made to the datasets with the introduction of more pull down menus seems to have improved data quality overall which is most pleasing.

The nephrectomy and radical prostatectomy datasets are particularly impressive in terms of the data quality. Seeing more complete and meaningful outcome data for example on potency and continence rates after RP is a positive development. The more detailed recording of complications and introduction of the Clavien- Dindo classification of surgical complications is a further good example and is particularly useful to monitor trends over time. Unfortunately large robotic centres are still disappointingly underrepresented. Overall the follow up data remains disappointing.

As always we encourage section members to view the poster presentations on the datasets at BAUS and to feed back to committee members or via Sarah about their ideas for improvements. Hopefully with revalidation almost upon us, contributing surgeons will be able to use their personal or centre data to good effect.

Greg Boustead

June 2012

## AUDIT RESULTS SUMMARY - Radical Prostatectomy dataset (January 1st – December 31st 2011)

- 2163 Prostatectomies reported by 115 consultants from 57 centres (including 33 private patients from 14 consultants)
  - 64% of the data (1380/2163)was individually entered by hand as oppose to being bulk imported
  - 89% (1918/2163) entered using the new dataset launched in April 2011
  - Median per consultant = 11, range 1 – 154
  - Median per centre = 21, range 1 – 234
  - Median Age at operation = 64, range 14 – 81
  - 29% have 1 or more follow up

**How were the data analysed?**

All the data presented here are a summary of the data extracted from the web-based database on 17th April 2012 and relate to operations performed during the whole of 2011. Once extracted the data was transferred to an Access™ database for validation before being imported into Tableau™ for generation of the analyses. The validation mainly comprised checks for duplicate and / or empty entries and invalid / inappropriate dates.

For each of the ranked charts the individual consultant or centre identification numbers were removed and replaced with rank numbers starting at 1. A unique, confidential "Ranking Sheet" has been prepared for each surgeon to enable them to identify their rank in every chart. For those charts where overall figures for the entire database are shown the ranking sheet displays the consultant's individual figures. No one else can identify the results of an individual consultant. The ranked charts comprise single bars and are ranked from left to right in the ascending order of the data item being measured. Where percentages are included figures have been rounded up to one decimal point.

A personal ranking sheet for each consultant registering three or more tumours is available individually to go with this document. Centres or cancer networks that have returned sufficient data may request a copy of these analyses filtered to contain only that data.

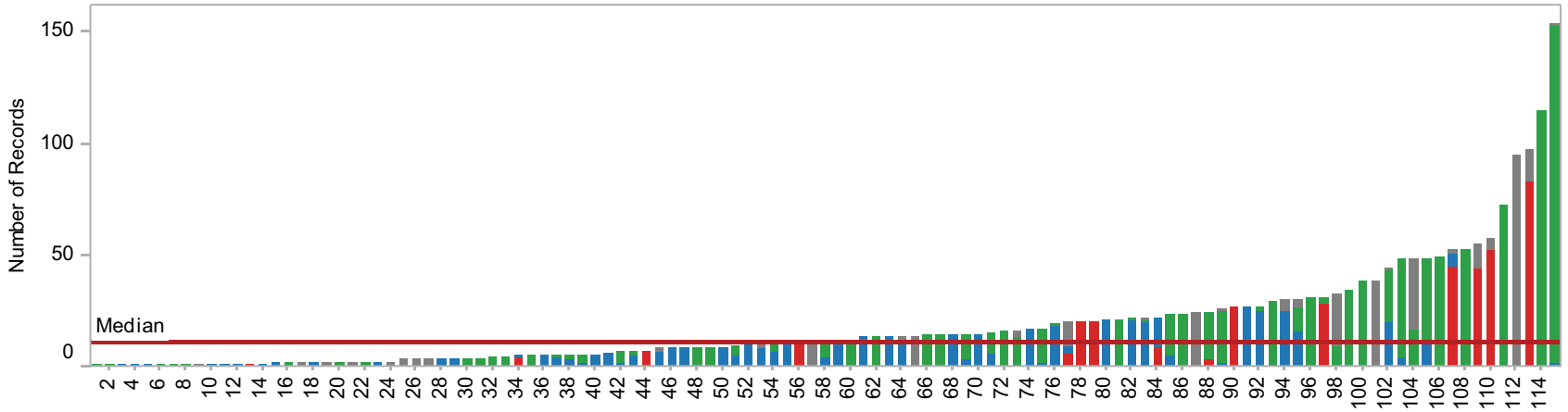
Sarah Fowler June 2012

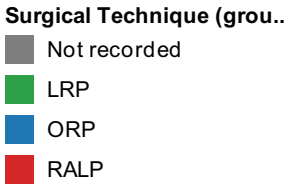
BAUS Data & Audit Project Manager

# Total Cases Reported

1

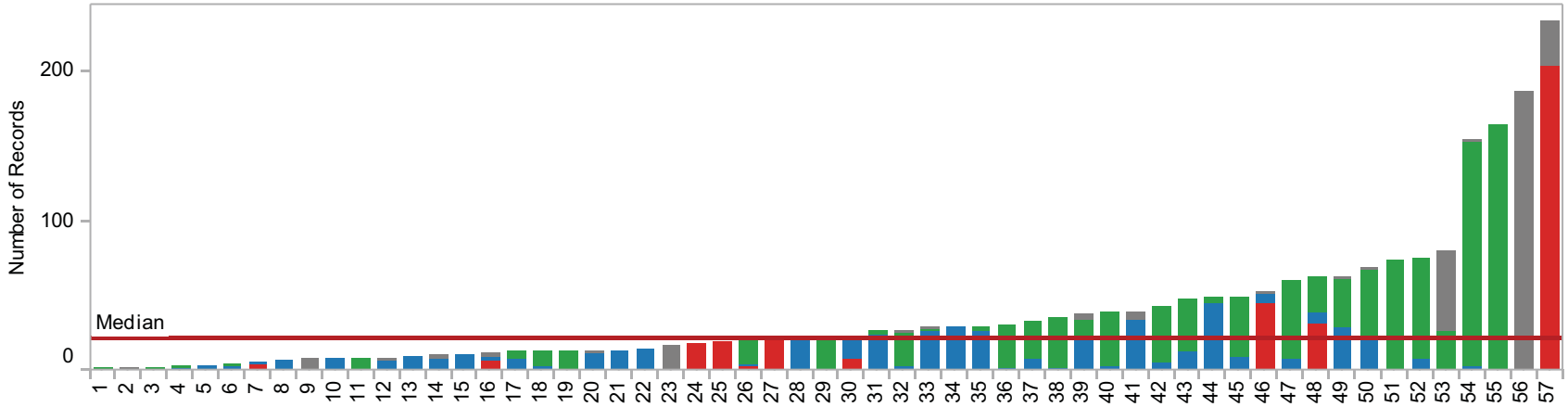
Total Reported by Consultant by Surgical technique
Median: 11 (Interquartile range 3 - 24)




2

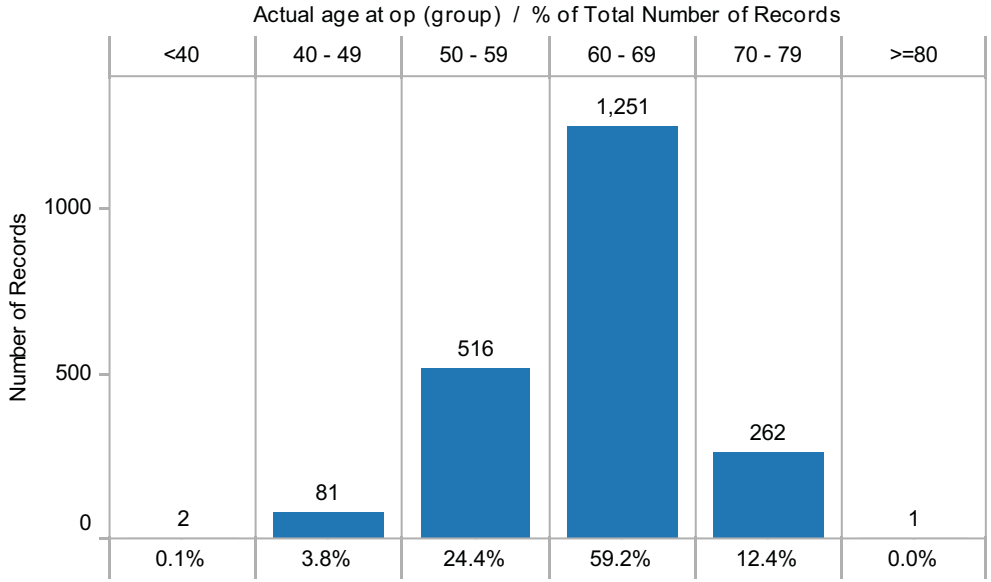
Total reported by Centre by Surgical technique (excluding private patients)
Median = 21 (Interquartile range 10 - 47)



# Age Distribution, Previous Management and Reason for Prostatectomy

3

## Percentage Age Distribution
Median = 64; Range = 14 -81 9 (n = 2113)




4

## Previous Management

| | N | %Total |
|---|---|---|
| None | 1,350 | 62.4% |
| Radiotherapy | 11 | 0.5% |
| Brachytherapy | 1 | 0.0% |
| Cryotherapy | 1 | 0.0% |
| TURP | 36 | 1.7% |
| Null | 764 | 35.3% |
| **Grand Total** | 2,163 | 100.0% |

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## Reason for Prostatectomy
(New question from April 2011)

| | N | %Total |
|---|---|---|
| Primary treatment of cancer | 1,154 | 60.17% |
| Previous active surveillance | 223 | 11.63% |
| Salvage therapy | 10 | 0.52% |
| Not recorded | 531 | 27.69% |
| **Grand Total** | 1,918 | 100.00% |

6

## If previous Active Surveillance - reason for Prostatectomy

| | N | %Total |
|---|---|---|
| PSA progression | 95 | 42.60% |
| Gleason progression | 30 | 13.45% |
| Clinical progression | 37 | 16.59% |
| Patient decision | 55 | 24.66% |
| Not recorded | 6 | 2.69% |
| **Grand Total** | 223 | 100.00% |

# Known Clinical and Pathological Staging

7

## Known Pre-operative Clinical Staging
Staging could be estimated in 75.7% cases

| C Stage | C Stage II | N | %Total |
|---|---|---|---|
| I (T1a N0 M0) | - | 6 | 0.4% |
| II (T1b,1c,1,2 N0 M0) | T1,1a,1b | 67 | 4.1% |
| | T1c | 671 | 41.0% |
| | T2 | 719 | 43.9% |
| III (T3, N0, M0) | - | 152 | 9.3% |
| IV (T4 N0, M0; Any N1 Any M1) | - | 22 | 1.3% |
| **Grand Total** | | 1,637 | 100.0% |

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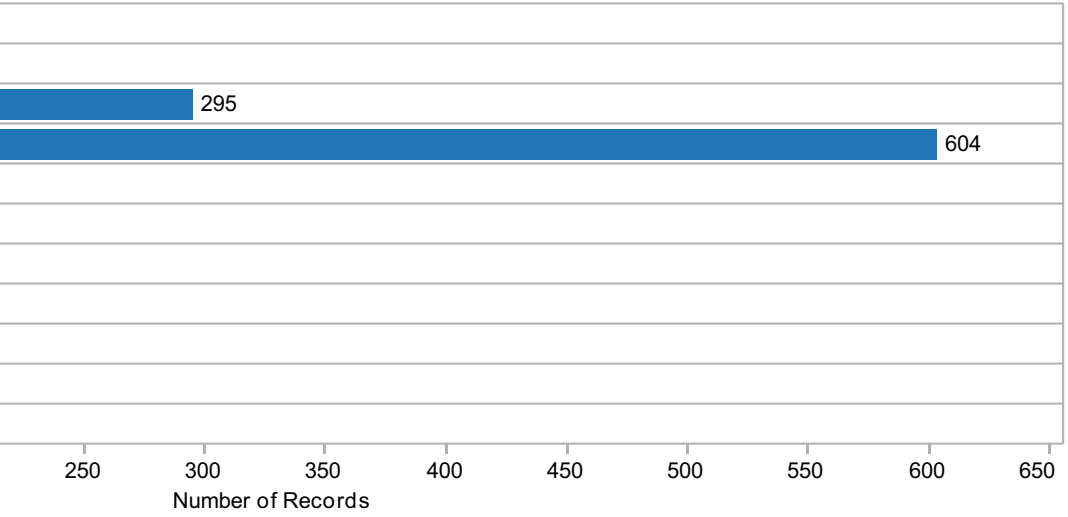
## Comparison of Clinical & Pathological Staging

| C Stage | % of Total N.. | P Stage |
|---|---|---|
| I (T1a N0 M0) | 0.6% | II |
| II (T1b,1c,1,2 N0 M0) | 60.0% | IV |
| | 79.7% | III |
| | 93.5% | II |
| | 100.0% | I |
| III (T3, N0, M0) | 5.1% | II |
| | 16.0% | IV |
| | 18.6% | III |
| IV (T4 N0, M0; Any N1 Any M1) | 0.8% | II |
| | 1.6% | III |
| | 24.0% | IV |



# Staging by PSA

9

## Clinical Staging by pre-operative PSA

| | Pre-opPSA (group) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 - 5 | | 6-10 | | 11-20 | | 21-50 | | > 50 | | **Grand Total** | |
| C Stage | N | % Total | N | % Total | N | % Total | N | % Total | N | % Total | N | % Total |
| I (T1a N0 M0) | 5 | 83.3% | 1 | 16.7% | | | | | | | 6 | 100.0% |
| II (T1b,1c,1,2 N0 M0) | 433 | 30.4% | 651 | 45.7% | 298 | 20.9% | 41 | 2.9% | 3 | 0.2% | 1,426 | 100.0% |
| III (T3, N0, M0) | 25 | 17.7% | 62 | 44.0% | 42 | 29.8% | 9 | 6.4% | 3 | 2.1% | 141 | 100.0% |
| IV (T4 N0, M0; Any N1 Any .. | 9 | 45.0% | 5 | 25.0% | 4 | 20.0% | 2 | 10.0% | | | 20 | 100.0% |
| **Grand Total** | 472 | 29.6% | 719 | 45.1% | 344 | 21.6% | 52 | 3.3% | 6 | 0.4% | 1,593 | 100.0% |

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## Pathological Staging by pre-operative PSA

| | Pre-opPSA (group) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 - 5 | | 6-10 | | 11-20 | | 21-50 | | > 50 | | **Grand Total** | |
| P Stage | N | % Total | N | % Total | N | % Total | N | % Total | N | % Total | N | % Total |
| I | 1 | 100.0% | | | | | | | | | 1 | 100.0% |
| II | 281 | 35.4% | 366 | 46.1% | 127 | 16.0% | 18 | 2.3% | 2 | 0.3% | 794 | 100.0% |
| III | 91 | 20.3% | 200 | 44.5% | 129 | 28.7% | 28 | 6.2% | 1 | 0.2% | 449 | 100.0% |
| IV | 25 | 52.1% | 14 | 29.2% | 8 | 16.7% | | | 1 | 2.1% | 48 | 100.0% |
| **Grand Total** | 398 | 30.8% | 580 | 44.9% | 264 | 20.4% | 46 | 3.6% | 4 | 0.3% | 1,292 | 100.0% |

# Gleason Sum scores by Age

11

## By Biopsy Gleason sum Score

| | Gleason sum (group) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 5-6 | | 7 | | 8-10 | | **Grand Total** | |
| Actual age a.. | N | % Total | N | % Total | N | % Total | N | % Total |
| <60 | 213 | 37.8% | 307 | 54.5% | 43 | 7.6% | 563 | 100.0% |
| 60-64 | 196 | 34.6% | 314 | 55.4% | 57 | 10.1% | 567 | 100.0% |
| 65-69 | 213 | 35.1% | 339 | 55.9% | 54 | 8.9% | 606 | 100.0% |
| 70-74 | 61 | 26.4% | 147 | 63.6% | 23 | 10.0% | 231 | 100.0% |
| 75-79 | 6 | 35.3% | 10 | 58.8% | 1 | 5.9% | 17 | 100.0% |
| >=80 | | | 1 | 100.0% | | | 1 | 100.0% |
| **Grand Total** | 689 | 34.7% | 1,118 | 56.3% | 178 | 9.0% | 1,985 | 100.0% |

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## By Surgical specimen Gleason Sum score

| | Surg Gleason sum (group) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 5-6 | | 7 | | 8-10 | | **Grand Total** | |
| Actual age a.. | N | % Total | N | % Total | N | % Total | N | % Total |
| <60 | 109 | 26.0% | 279 | 66.6% | 31 | 7.4% | 419 | 100.0% |
| 60-64 | 93 | 22.6% | 282 | 68.6% | 36 | 8.8% | 411 | 100.0% |
| 65-69 | 61 | 15.0% | 302 | 74.4% | 43 | 10.6% | 406 | 100.0% |
| 70-74 | 21 | 13.9% | 113 | 74.8% | 17 | 11.3% | 151 | 100.0% |
| 75-79 | | | 6 | 75.0% | 2 | 25.0% | 8 | 100.0% |
| **Grand Total** | 284 | 20.4% | 982 | 70.4% | 129 | 9.2% | 1,395 | 100.0% |

# Potency and Continence

13

## Pre-operative vs. Post-operative Potency*
* at latest follow-up

postoppotency

| PreopPotency | Fully Potent N | Fully Potent %Total | Partially Potent N | Partially Potent %Total | Impotent N | Impotent %Total | Not recorded N | Not recorded %Total | **Grand Total** N | **Grand Total** %Total |
|---|---|---|---|---|---|---|---|---|---|---|
| Fully Potent | 14 | 60.9% | 60 | 55.0% | 144 | 37.5% | 569 | 34.5% | 787 | 36.4% |
| Partially Potent | 2 | 8.7% | 26 | 23.9% | 73 | 19.0% | 225 | 13.7% | 326 | 15.1% |
| Impotent | 2 | 8.7% | 3 | 2.8% | 48 | 12.5% | 151 | 9.2% | 204 | 9.4% |
| Not recorded | 5 | 21.7% | 20 | 18.3% | 119 | 31.0% | 702 | 42.6% | 846 | 39.1% |
| **Grand Total** | 23 | 100.0% | 109 | 100.0% | 384 | 100.0% | 1,647 | 100.0% | 2,163 | 100.0% |

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## Pre-operative vs. Post-operative Continence*
* at latest follow-up

postopcontinence

| PreopContinence | Complete N | Complete %Total | Minor Stress Leakage N | Minor Stress Leakage %Total | 1 Pad / day N | 1 Pad / day %Total | >1 Pad / day N | >1 Pad / day %Total | Appliance N | Appliance %Total | Not recorded N | Not recorded %Total | **Grand Total** N | **Grand Total** %Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Complete | 197 | 83.8% | 89 | 88.1% | 101 | 86.3% | 102 | 85.7% | 9 | 81.8% | 966 | 61.1% | 1,464 | 67.7% |
| Minor Stress Leakage | 11 | 4.7% | 4 | 4.0% | 1 | 0.9% | 4 | 3.4% | 1 | 9.1% | 25 | 1.6% | 46 | 2.1% |
| 1 Pad / day | | | | | | | | | | | 3 | 0.2% | 3 | 0.1% |
| >1 Pad / day | | | | | | | | | | | 1 | 0.1% | 1 | 0.0% |
| Appliance | 1 | 0.4% | | | 1 | 0.9% | 1 | 0.8% | 1 | 9.1% | | | 4 | 0.2% |
| Null | 26 | 11.1% | 8 | 7.9% | 14 | 12.0% | 12 | 10.1% | | | 585 | 37.0% | 645 | 29.8% |
| **Grand Total** | 235 | 100.0% | 101 | 100.0% | 117 | 100.0% | 119 | 100.0% | 11 | 100.0% | 1,580 | 100.0% | 2,163 | 100.0% |

# Operating Surgeon & Joint Procedures

15

## Grade of Main Operating Surgeon

| | Supervised training | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Null | | No | | Yes | | **Grand Total** | |
| GradeSurgeon | N | % Total | N | % Total | N | % Total | N | % Total |
| Consultant | 191 | 9.7% | 1,525 | 77.2% | 260 | 13.2% | 1,976 | 100.0% |
| SpR | | | | | 45 | 100.0% | 45 | 100.0% |
| Other | | | 89 | 81.7% | 20 | 18.3% | 109 | 100.0% |
| Null | 5 | 15.2% | 23 | 69.7% | 5 | 15.2% | 33 | 100.0% |
| **Grand Total** | 196 | 9.1% | 1,637 | 75.7% | 330 | 15.3% | 2,163 | 100.0% |

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## Number of procedures carried out jointly with another consultant

| | | Supervised training | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Null | | No | | Yes | | **Grand Total** | |
| GradeSurgeon | Joint procedure | N | % Total | N | % Total | N | % Total | N | % Total |
| Consultant | Null | 155 | 15.4% | 695 | 69.2% | 154 | 15.3% | 1,004 | 100.0% |
| | No | 27 | 3.1% | 754 | 87.9% | 77 | 9.0% | 858 | 100.0% |
| | Yes | 9 | 7.9% | 76 | 66.7% | 29 | 25.4% | 114 | 100.0% |
| | **Total** | 191 | 9.7% | 1,525 | 77.2% | 260 | 13.2% | 1,976 | 100.0% |
| SpR | Null | | | | | 28 | 100.0% | 28 | 100.0% |
| | No | | | | | 14 | 100.0% | 14 | 100.0% |
| | Yes | | | | | 3 | 100.0% | 3 | 100.0% |
| | **Total** | | | | | 45 | 100.0% | 45 | 100.0% |
| Other | Null | | | 65 | 80.2% | 16 | 19.8% | 81 | 100.0% |
| | No | | | 24 | 85.7% | 4 | 14.3% | 28 | 100.0% |
| | **Total** | | | 89 | 81.7% | 20 | 18.3% | 109 | 100.0% |
| Null | Null | 5 | 20.8% | 15 | 62.5% | 4 | 16.7% | 24 | 100.0% |
| | No | | | 5 | 83.3% | 1 | 16.7% | 6 | 100.0% |
| | Yes | | | 3 | 100.0% | | | 3 | 100.0% |
| | **Total** | 5 | 15.2% | 23 | 69.7% | 5 | 15.2% | 33 | 100.0% |
| **Grand Total** | | 196 | 9.1% | 1,637 | 75.7% | 330 | 15.3% | 2,163 | 100.0% |

# Procedure

## 17 ASA Grade

| ASA Grade | N | %Total |
|---|---|---|
| 1 | 718 | 33.2% |
| 2 | 803 | 37.1% |
| 3 | 60 | 2.8% |
| 4 | 2 | 0.1% |
| Null | 580 | 26.8% |
| **Grand Total** | 2,163 | 100.0% |

## 18 Nerve sparing

| | N | %Total |
|---|---|---|
| Bilateral | 544 | 25.2% |
| Unilateral | 297 | 13.7% |
| None | 435 | 20.1% |
| Null | 887 | 41.0% |
| **Grand Total** | 2,163 | 100.0% |

## 19 Surgical Technique Including number of conversions & reason if applicable

| | | N | %Total |
|---|---|---|---|
| ORP | Null | 477 | 22.1% |
| | **Total** | 477 | 22.1% |
| LRP | Null | 992 | 45.9% |
| | Adhesions | 1 | 0.0% |
| | Failure to progress | 9 | 0.4% |
| | Haemorrhage | 3 | 0.1% |
| | Other | 3 | 0.1% |
| | **Total** | 1,008 | 46.6% |
| RALP | Null | 362 | 16.7% |
| | **Total** | 362 | 16.7% |
| Not recorded | Null | 316 | 14.6% |
| | **Total** | 316 | 14.6% |
| **Grand Total** | | 2,163 | 100.0% |

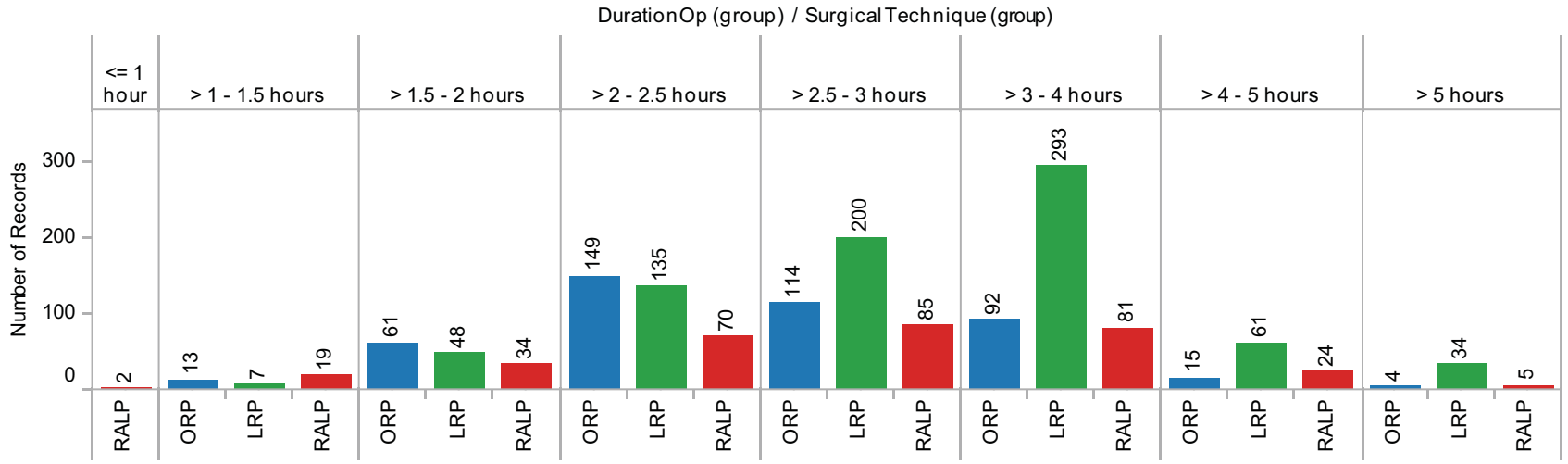
## 20 Lymph Node Dissection

| LND | N | %Total |
|---|---|---|
| Null | 399.0 | 18.4% |
| None | 1,105.0 | 51.1% |
| Obturator fossae | 383.0 | 17.7% |
| Extended | 170.0 | 7.9% |
| Yes (pre 2011 question) | 106.0 | 4.9% |
| **Grand Total** | 2,163.0 | 100.0% |

# Duration of Operation and Transfusion rates by Technique

21

## Duration of Operation





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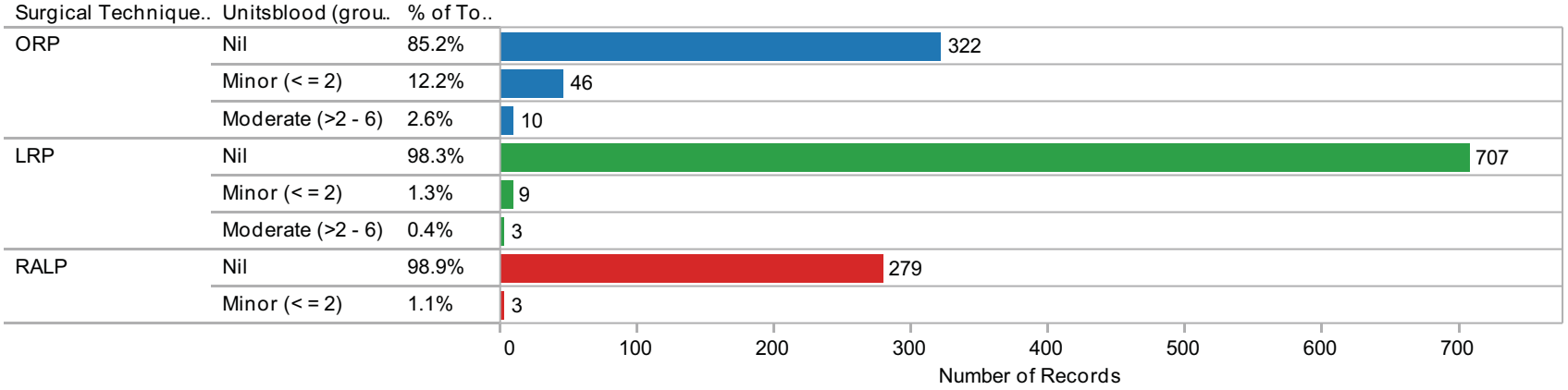
## Known Transfusion Rates



# Complications

23

## Intra operative complications by technique

| | Surgical Technique (group) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ORP | | LRP | | RALP | | **Grand Total** | |
| IntraopComps | N | %Total | N | %Total | N | %Total | N | %Total |
| None | 383 | 80.3% | 705 | 69.9% | 282 | 77.9% | 1,370 | 74.2% |
| Adhesions | | | | | 23 | 6.4% | 23 | 1.2% |
| Difficult dissection | 13 | 2.7% | 17 | 1.7% | 6 | 1.7% | 36 | 1.9% |
| Difficult dissection; Adhesions | 6 | 1.3% | 2 | 0.2% | | | 8 | 0.4% |
| Difficult dissection; Port complications | | | 1 | 0.1% | | | 1 | 0.1% |
| Difficult dissection; Robotic device failure | | | | | 2 | 0.6% | 2 | 0.1% |
| Haemorrhage / Bleeding | 9 | 1.9% | 123 | 12.2% | 4 | 1.1% | 136 | 7.4% |
| Haemorrhage / Bleeding; Difficult dissection | 5 | 1.0% | 2 | 0.2% | | | 7 | 0.4% |
| Port complications | | | 2 | 0.2% | | | 2 | 0.1% |
| Rectal injury | 1 | 0.2% | 6 | 0.6% | 1 | 0.3% | 8 | 0.4% |
| Robotic device failure | | | | | 3 | 0.8% | 3 | 0.2% |
| Vascular injury | | | | | 1 | 0.3% | 1 | 0.1% |
| Null | 60 | 12.6% | 150 | 14.9% | 40 | 11.0% | 250 | 13.5% |
| **Grand Total** | 477 | 100.0% | 1,008 | 100.0% | 362 | 100.0% | 1,847 | 100.0% |

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## Post operative complications by technique

| | Surgical Technique (group) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ORP | | LRP | | RALP | | **Grand Total** | |
| PostopComps (group) | N | %Total | N | %Total | N | %Total | N | %Total |
| None | 361 | 75.7% | 705 | 69.9% | 280 | 77.3% | 1,346 | 72.9% |
| Anastomotic leak | 2 | 0.4% | 1 | 0.1% | 1 | 0.3% | 4 | 0.2% |
| Anastomotic leak; Ileus | | | | | 1 | 0.3% | 1 | 0.1% |
| Chest infection | 2 | 0.4% | | | | | 2 | 0.1% |
| Haematuria | 5 | 1.0% | | | | | 5 | 0.3% |
| Haemorrhage / Bleeding | 1 | 0.2% | 3 | 0.3% | 4 | 1.1% | 8 | 0.4% |
| Haemorrhage / Bleeding; Ileus | | | | | 1 | 0.3% | 1 | 0.1% |
| Ileus | | | | | 2 | 0.6% | 2 | 0.1% |
| infection | | | | | 1 | 0.3% | 1 | 0.1% |
| Pelvic haematoma | | | 1 | 0.1% | 1 | 0.3% | 2 | 0.1% |
| Sepsis | 3 | 0.6% | 2 | 0.2% | 2 | 0.6% | 7 | 0.4% |
| Urine leak | 9 | 1.9% | 6 | 0.6% | 6 | 1.7% | 21 | 1.1% |
| PE / DVT | | | 1 | 0.1% | | | 1 | 0.1% |
| Wound infection | 5 | 1.0% | 89 | 8.8% | 2 | 0.6% | 96 | 5.2% |
| Other | 8 | 1.7% | 18 | 1.8% | 11 | 3.0% | 37 | 2.0% |
| Null | 81 | 17.0% | 182 | 18.1% | 50 | 13.8% | 313 | 16.9% |
| **Grand Total** | 477 | 100.0% | 1,008 | 100.0% | 362 | 100.0% | 1,847 | 100.0% |

25

## Recorded Clavien Dindo grade of Complication by Surgical Technique

| | Surgical Technique (group) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | ORP | | LRP | | RALP | | **Grand Total** | |
| ClavienDindo | N | %Total | N | %Total | N | %Total | N | %Total |
| Null | 401 | 84.1% | 940 | 93.3% | 341 | 94.2% | 1,682 | 91.1% |
| Grade I | 60 | 12.6% | 54 | 5.4% | 15 | 4.1% | 129 | 7.0% |
| Grade II | 12 | 2.5% | 9 | 0.9% | 4 | 1.1% | 25 | 1.4% |
| Grade IIIa | 3 | 0.6% | 3 | 0.3% | 2 | 0.6% | 8 | 0.4% |
| Grade IIIb | | | 2 | 0.2% | | | 2 | 0.1% |
| Grade IVa | 1 | 0.2% | | | | | 1 | 0.1% |
| **Grand Total** | 477 | 100.0% | 1,008 | 100.0% | 362 | 100.0% | 1,847 | 100.0% |

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## Number of Lymph nodes sampled vs. Number Positive

| | Number of positive lymph nodes | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 1-5 | | 6-10 | | Null | | **Grand Total** | |
| Number of Lymph nodes sampled | N | %Total | N | %Total | N | %Total | N | %Total |
| 1-5 | 1 | 6.3% | | | 50 | 68.5% | 51 | 56.7% |
| 6-10 | 5 | 31.3% | | | 15 | 20.5% | 20 | 22.2% |
| 11-20 | 8 | 50.0% | 1 | 100.0% | 8 | 11.0% | 17 | 18.9% |
| > 20 | 2 | 12.5% | | | | | 2 | 2.2% |
| **Grand Total** | 16 | 100.0% | 1 | 100.0% | 73 | 100.0% | 90 | 100.0% |

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## Stage and Technique Related Positive Surgical Margin Rates

| | | Positive margins | | | |
|---|---|---|---|---|---|
| | | Yes | | **Grand Total** | |
| PT stage | Surgic.. | N | % Total | N | % Total |
| 1 | ORP | | | 2 | 100.0% |
| | LRP | 1 | 50.0% | 2 | 100.0% |
| | **Total** | 1 | 25.0% | 4 | 100.0% |
| 2 | ORP | 34 | 21.7% | 157 | 100.0% |
| | LRP | 67 | 18.6% | 361 | 100.0% |
| | RALP | 23 | 13.0% | 177 | 100.0% |
| | **Total** | 124 | 17.8% | 695 | 100.0% |
| 3 | ORP | 61 | 46.2% | 132 | 100.0% |
| | LRP | 81 | 46.3% | 175 | 100.0% |
| | RALP | 40 | 38.8% | 103 | 100.0% |
| | **Total** | 182 | 44.4% | 410 | 100.0% |
| 4 | LRP | 3 | 100.0% | 3 | 100.0% |
| | **Total** | 3 | 100.0% | 3 | 100.0% |
| X | RALP | 3 | 100.0% | 3 | 100.0% |
| | **Total** | 3 | 100.0% | 3 | 100.0% |
| **Grand Total** | | 313 | 28.1% | 1,115 | 100.0% |

# Status

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## Current status at most recent Follow-up

| | Time to FU | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 - 90 | | 91 - 180 | | 181 - 360 | | > 360 | | **Grand Total** | |
| | N | %Total | N | %Total | N | %Total | N | %Total | N | %Total |
| Alive with no evidence of prostate cancer | 345 | 93.2% | 147 | 93.6% | 75 | 92.6% | 5 | 100.0% | 572 | 93.3% |
| Alive with local recurrence of prostate cancer | 11 | 3.0% | 5 | 3.2% | 5 | 6.2% | | | 21 | 3.4% |
| Alive with lymph node involvement by prostate cancer | 2 | 0.5% | 1 | 0.6% | | | | | 3 | 0.5% |
| Alive with metastatic disease | 1 | 0.3% | 1 | 0.6% | | | | | 2 | 0.3% |
| Not recorded | 11 | 3.0% | 3 | 1.9% | 1 | 1.2% | | | 15 | 2.4% |
| **Grand Total** | 370 | 100.0% | 157 | 100.0% | 81 | 100.0% | 5 | 100.0% | 613 | 100.0% |

## Participating Hospital Centres 2011

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

Aberdeen Royal Infirmary
Addenbrooke's Hospital
Arrowe Park Hospital
Barnet & Chase Farm Hospital
Belfast City Hospital
Bristol Oncology Centre; United Bristol Health Care Trust
Churchill Hospital
City Hospitals Sunderland NHS Foundation Trust
Colchester Hospital University NHS Foundation Trust
Darent Valley Hospital
Derby Hospitals NHS Foundation Trust
Derriford Hospital
Dorset County Hospital
Freeman Hospital
Gartnavel General Hospital
Glan Clwyd Hospital
Guy's & Thomas's Hospital
Heatherwood & Wexham Park NHS Trust
Hereford Hospitals NHS Trust
Leicester General Hospital
Lister Hospital; Queen Elizabeth II Hospital, Welwyn
Medway Maritime Hospital
Morriston Hospital
New Cross Hospital, Wolverhampton
Norfolk & Norwich Hospital
North Bristol NHSTrust (Southmead)
Northampton General Hospital
Northwick Park Hospital; Central Middlesex Hospital
Nottingham City Hospital
Pinderfields Hospital
Portsmouth Hospitals NHS Trust
Queen Elizabeth Hospital, B'ham
Queen Margaret Hospital
Raigmore Hospital
Royal Devon And Exeter Hospital
Royal Hallamshire Hospital
Royal Liverpool University Hospital
Royal Preston Hospital
Royal Surrey County Hospital
Royal United Hospital, Bath
Royal West Sussex NHS Trust, St Richard's Hospital
Salisbury District Hospital
Southend University Hospital NHS Foundation Trust
Southern General Hospital
Southport & Ormskirk NHS Trust
St James's University Hospital
Stepping Hill Hospital
Stirling Royal Infirmary / Forth Valley Royal
Taunton And Somerset Hospital
Torbay Hospital
University College Hospital Galway
University Hospital of North Stafford
University Hospital Of Wales
Walsgrave Hospital
Western General Hospital, Edinburgh
Withington Hospital
Wrexham Maelor Hospital