

# Radical Prostatectomy Audit

## April 2011 - March 2012



**MR.B.DEV SARMAH**  
**CONSULTANT UROLOGICAL SURGEON**

# Demographics



- Total No = 51 ( 49 NHS) + 2(P.P)
- Age from =43 – 76
- Length of Stay (LOS) varied from 2 days to 4 days – average :Day 3
  - 19 – Day 2
  - 26 - Day 3
  - 6 - Day 4
- Re-admission within 30 days : 2(1 – Lymphocele and 1-UTI)

# Histopathology at MDT



- **PT2CNoMx (contained – both lobes) = 30/51**
- **PT2aNoMx (contained – one lobe) = 7/51**
- **PT3aNoMx (cancer on outer margin) = 10/51**
- **PT3bNoMx (cancer –seminal vesicle) = 2/51**
- **PT3bN1Mx ( sem. Vesicle +lymph nodes)= 2/51**

# Histopathology at MDT



- **POSITIVE MARGINS**

Apical-Unilateral = 5 (latest Psa's <0.008)

Apical –Bilateral = 1 (latest Psa 0.008)

1.?Circumferential Margin +ve = Gleason 4+3  
PT2C NoMx- latest psa <0.008

2. Left Postero-lateral margin intra-prostatic PT2C  
PID 460935 Latest PSA March/13 = 0.041

# POST OP PSA



- PSA at 3 months

32 pts =  $<0.003$

13 pts =  $0.001 - <0.003$

6 pts =  $0.040 - 0.001$

- PSA at 12 months

35 pts =  $<0.003$

14 pts =  $0.087 - 0.001$

2 Pts with N1 disease

a. Psa Jan/13 =  $0.465$

b. Psa Mar/13 =  $1.006$

started on LHRH

# CONTINENCE



- At 3 months post RRP

**35/51 = continent-  
Pad free (68.5%)**

**16/51 = 2-3 pads  
(31.5 %)**

- At 12 months post RRP

**43/51 = continent-pad  
free ( 84%)**

**6/51 = 1 to 3 pads(12%)**

**3/51 =Detrussor  
overactivity proven**

**1/51 = referred to QE  
for video-urodynamics**

# POTENCY



- **Non Nerve Sparing = 30**

19 = supported with pump + Tadalafil 5 mg

5 = have gone to Caverject

5 = have stopped treatment

1 = No treatment age 76

- **Unilateral nerve Sparing = 21**

7/21 – partial recovery at 12/12

14/21 – continuing support

# BLOOD LOSS



- Varied from 200 ml - 1500 cc
- 1 patient transfused with 2 units with low pre op Hb.
- Nerve sparing incurred higher blood loss
- 7 pts = 1000 – 1500 cc
- Average Blood loss = 590 cc