

# Hyperthermic Mitomycin

## The Guildford Experience

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# Introduction

- COMBAT BRS system
- Administration of intravesical Mitomycin C
- Heated to temperature of 43°
- Circulated in bladder for 1 hour

COMBAT BRS = Combined Antineoplastic Thermotherapy Bladder  
Recirculation System

# Indications

- Intermediate to high risk bladder cancer
- BCG Refractory
- Unable to tolerate BCG
- Unsuitable for BCG / immunocompromised/ other contraindication
- HIVEC Trial (Hyperthermic Intravesical Chemotherapy)
- Unfit / unwilling for Cystectomy

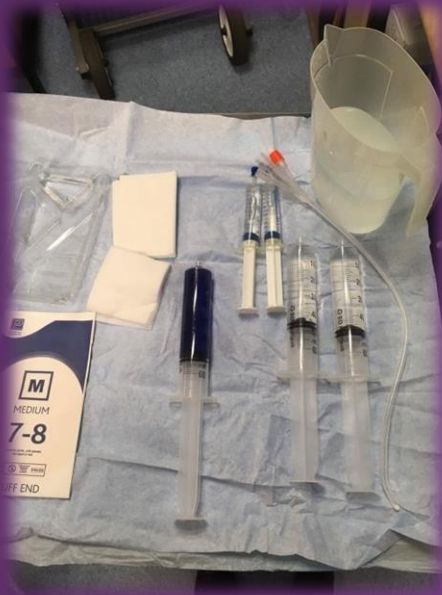
# Process

- Referral discussed SMDT
- Cystoscopy within last 3mts
- Recent imaging discussed
- Bladder cancer clinic.
- HMMC outlined
- Expectations/ Dated
- Fluids / med review
- Booklet / Bleach

# Day of Treatment

- Questions
- Urine tested
- Contact details.

# Administration



Prime lines, catheterise, drain bladder, check adequate circulation and temperature, instill MMC. Start pump.



# Benefits

- Reduce recurrence rates
- Increased disease free survival
- Easy system to install/training/back-up
- Increased choice to patients
- Increased time spent with patients/rapport

# Demographics

- Average age 73.5 years (59 – 82)
- Total number of patients: 25
- December 14 – February 16
- Referral centres:
  - RSCH (10)
  - East Surrey (2)
  - Frimley Park (5)
  - Out of Network (8)



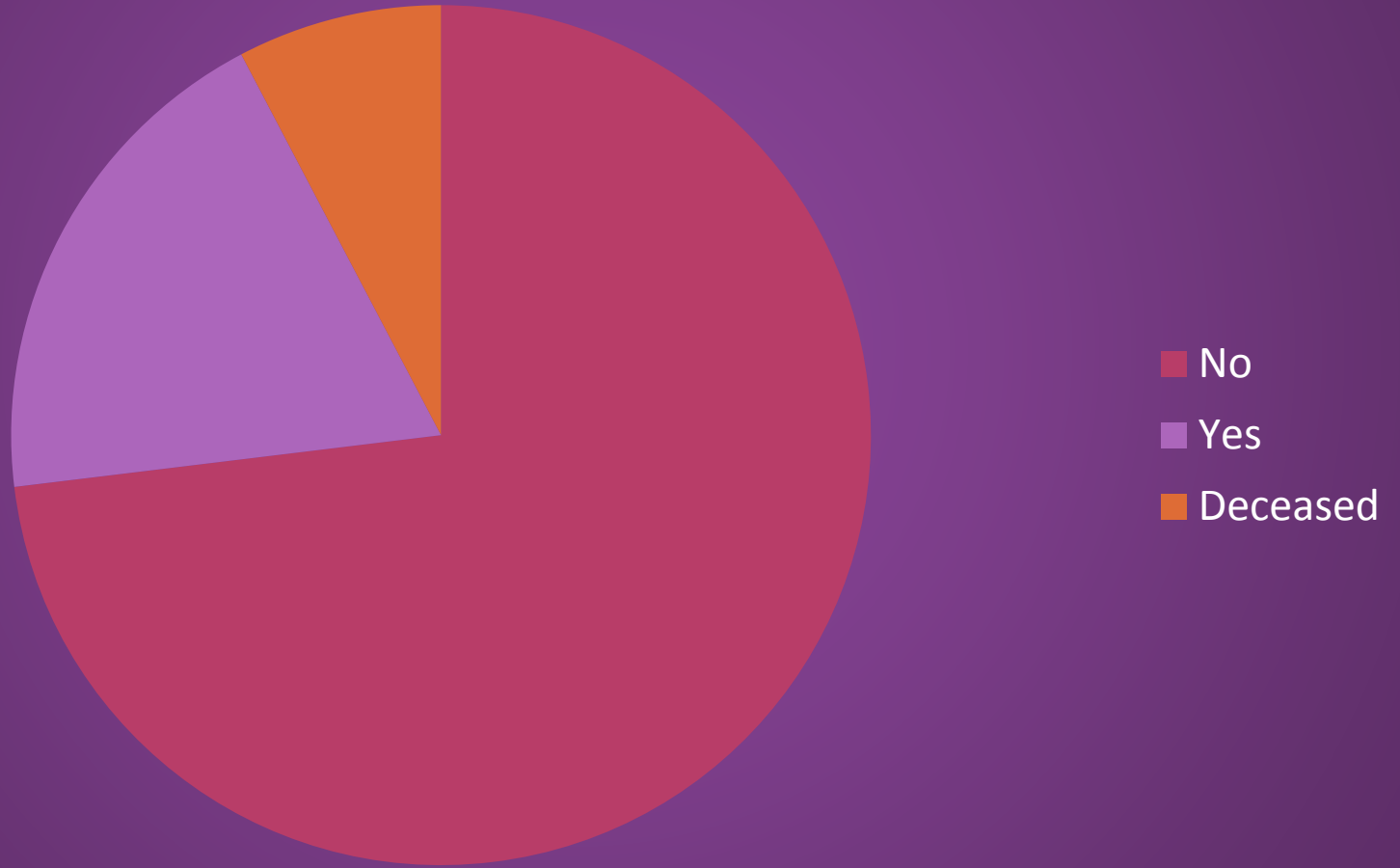
# Side effect profile

- 60% Completed full course

Side effect	No of patients
Spasms/Bypassing	5
Rash	5
Frequency	1
Discomfort	1

Average treatment Length: 55mins  
Average No Treatments= 5.2

# Recurrence



# Conclusions:

- Increased choice for patients
- Tolerated relatively well
- Potential option for select patients in future BCG crisis

Thank you

Any Questions?