Early Detection and Prompt Management on Patients After TRUS+Bx

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Introduction

- Around 300 patients undergo transrectal ultrasound guided prostate biopsy (TRUS Bx) every year.
- Around 3% of patients develop post biopsy complications (acute retention of urine, per rectal bleeding, severe haematuria and fever).
- Some required emergency admission or intensive care unit support.

Objectives:

- To have early detection and management of patients presenting with post TRUS+Bx complications.
Methodology

Patients undergo TRUS+Bx

Post Bx D1 and D2 Telephone FU

Patients with Post Bx complications

(Office Hours): Attend Nurse-led Clinic for Assessment
(Non-Office Hours): Attend Admission Ward Directly
Results

- Total of 875 patients from January 2014 to July 2016
- 36 patients developed complications and required admission for further management
- 12 cases discharged directly after assessment and management in the nurse-led clinic

25% admission
Conclusion

- Telephone FU + assessment to walk in patients → early detection and management of post TRUS+Bx complications & reduces unnecessary admission.