



Review of UroLift Cases in Princess Margaret Hospital

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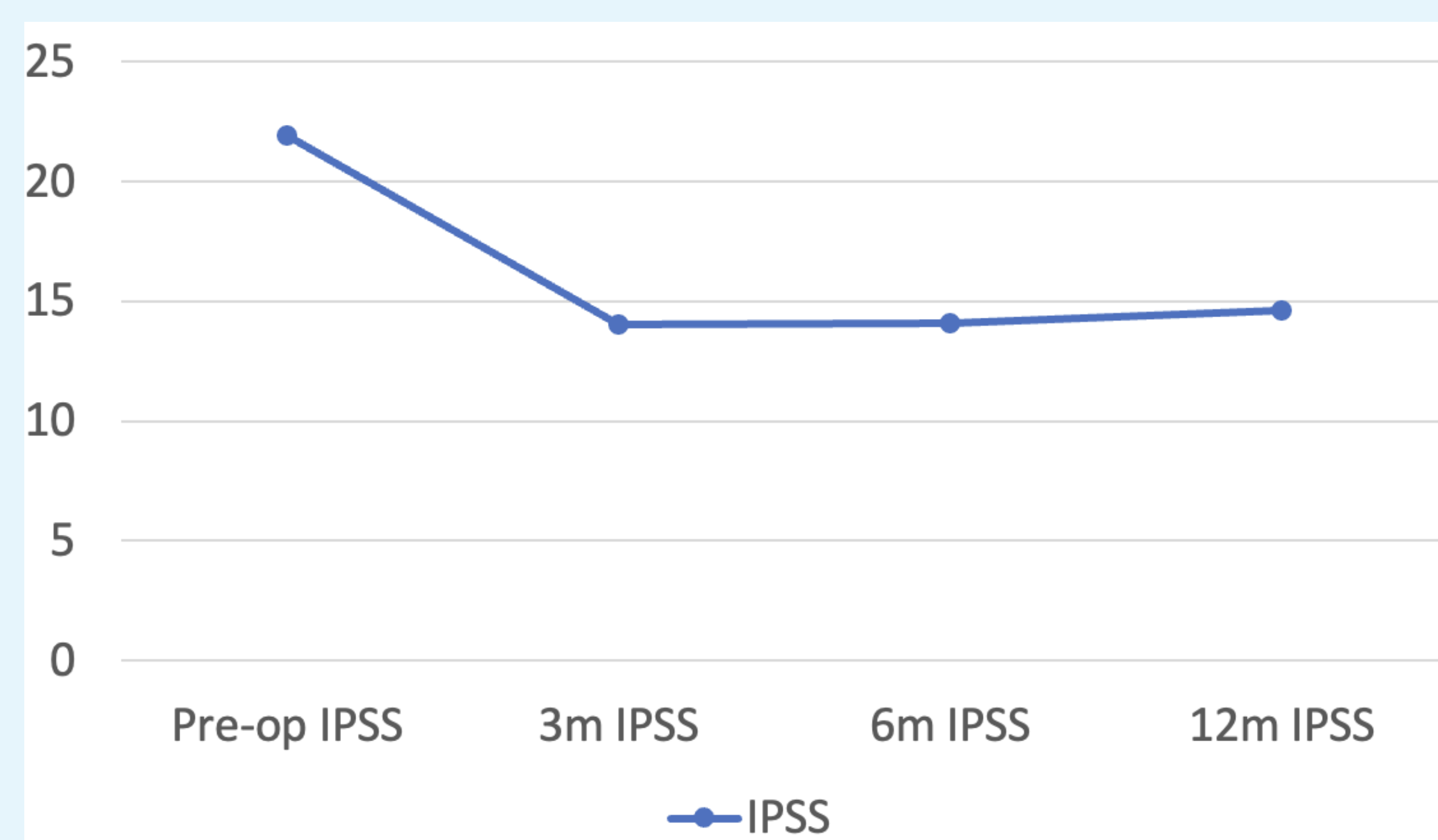
Objective: To review case spectrum and treatment outcomes of UroLift patients in PMH

Patient and Methods:

This retrospective study reviewed the demographics and surgical outcome of UroLift patients in PMH. Total 75 patients underwent UroLift from 1/2020 to 7/2024 in PMH. Data was analyzed according to the 2 major indications of UroLift: LUTS and retention of urine. Post-UroLift Complications were also analyzed.

Findings:

LUTS	
Total No. of Patients	48
Mean Age	71.3
Mean Pre-op Sizing	52.3cc
Mean Pre-op IPSS	21.9



- Mean IPSS improvement - 35% in 6 months
- 8 patients had median lobes: mean improvement in IPSS was 22%
- Without median lobe: mean improvement in IPSS was 34%

Retention of Urine	
Total No. of Patients	27
Mean Age	75.2
Mean Pre-op Sizing	56cc
Indications	AROU – 23; Obstructive Uropathy – 4

- 66.7% successfully TWOC at their 1st attempt
- 85% successfully TWOC at 4 weeks
- 4 patients failed TWOC
 - ➔ 2 patients underwent TURP
 - ➔ 1 patient will have CMG assessment
 - ➔ 1 patient is pending 3rd TWOC

- 5 Patients develop recurrent AROU at ≥ 3 years post-op
 - 2 patients successfully TWOC with alpha blockers
 - 2 patients will have TURP
 - 1 patient died for unrelated cause before any intervention done

Post-op Complications

- 7 patients developed haematuria within 2 weeks post-op ➔ all were treated conservatively
- 3 patient suffered from persistent bothersome LUTS ➔ all were found to have exposed tabs and requires surgical removal subsequently

Conclusion:

- UroLift showed significant improvement in symptom control in LUTS patients
- High TWOC successful rate in patients with refractory retention and obstructive uropathy
- Post-op complications and re-intervention rate is low.