**TITLE: Review of posterior urethral valve in UCH Ibadan**

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**Introduction**

Posterior urethral valve is a well recognized cause of obstructive uropathy in infancy and childhood with long term implication on renal function in later life. It is commonly diagnosed in utero and immediately after birth.

The objective of this study was to describe the clinical presentation, treatment, and eventual outcome of patients with posterior urethral valves to our service.

**Methodology**

A retrospective analysis of patients with posterior urethral valve over a period between 2006 to 2013 was done. Case notes were retrieved and data on patients age, clinical and radiological features, treatment modality, outcome, duration of follow up and condition as at last follow up were extracted.

**Results**

Forty patients were managed during this period and 31 (77.5%) patients had available data. No patient was identified pre-natally. The median age at presentation was 5 years 7 months (range 2 weeks-25 years). Twenty -three patients (92%) had back pressure changes on ultrasound. MCUG was confirmatory in all the patients. Twenty patients (64.5%) had Mohan’s valvotomy done while 9 (29%) were treated with endoscopic valve ablation. One patient (3.2%) had closed suprapubic cystostomy. Sixty-percent

of patients had follow-up outpatient visits, 40%defaulted. The median follow up post-operation was 8 months (range 1 week - 6 years). All patients seen after surgery had normal renal function at the time of last visit.

**Conclusion**

Majority of our patients presented late with features of back pressure changes. Though surgery was successful, and renal function preserved, a large number of patients defaulted from follow up.

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