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## A new Self-expanding, Large Caliber Allium Ureteral Stent ) URS ): Results of Multicentric Experience.

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### Abstract

**Background and Purpose:** Ureteral strictures (US) can be recurrent chronic illness leading to sever side effect and poor quality of life. Several options to treat US exist including repeated dilatations, stents and open surgery. Ureteral stent is a good minimally invasive option but has major limitations such stent migration, mucosal growth, and incontinence especially for bladder neck strictures. Our aim of study was to evaluate the safety and the efficacy of a new self expanding large caliber Allium® ureteral stent (URS). **Patients and Methods:** During 2005-2011, 49 stents were inserted in 49 renal units (40 patients) for a mean indwelling time of 17 months (range 1-63). Migration observed in 7 patients (14.2%) mandating stent removal. Only one stents was occluded. In 8 renal units the stents were removed at scheduled and no re-obstruction was detected during follow-up. Twenty eight patients are currently holding a patent stent. **Conclusions:** The Allium® URS stents provides an attractive solution for long term internal ureteral drainage. Its design allows good anchoring, prevents intraluminal ingrowth, and rapid disintegration for extreamly easy removal.

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