The use of auto expanding Allium Ureteral Stent® in the endourological management of UPJ stenosis and ureteric strictures: our experience and preliminary results

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Introduction:
The aim of the study is to evaluate the efficacy of the auto expanding Allium® Ureteral Stent (URS) in the endourological management of UPJ stenosis and ureteric strictures.

Materials and Methods

<table>
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<tr>
<th>Material</th>
<th>Expandability</th>
<th>Caliber</th>
<th>Length</th>
<th>Shape</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Safe expanding</td>
<td>24 or 30 Fr.</td>
<td>8 and 10 cm</td>
<td>Open ended balloon</td>
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Case 1  Pt with recurrent UPJ obstruction and secondary pelvic stones

Case 2  Pt with recurrent bilateral ureteral stenosis due to schistosomiasis

Results

Case 1  X-Ray post Allium Stent and ULT 6 months later

Case 2  X-ray and Uro-CT after treatment

At the time of stent removal, no calcification or incrustation were observed.

Conclusions
Auto expanded Allium® Stent is an efficacy treatment for management of ureteral stenosis for patients who are not suitable for standard surgery.