Evaluation of Urinary Continence Following Open Radical Cystectomy with Orthotopic Neobladder in Females Using a Validated Questionnaire

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Objective
• To evaluate continence outcomes in female undergoing open RC/ONB

Methods
• IRB approved, prospectively maintained bladder cancer database, from May 2012 to May 2018
• Patients followed with a validated, pictorial, pad usage questionnaire at follow-up clinic visits

Results
• 32 female with at least 1 year of follow-up
• Median age: 65 years (range: 42 - 81)
• Median follow-up: 3 years (range: 1-7)
• Catheterization rate: 36%
• Retention rate: 7%
• Neobladder-vaginal fistulae: 4 pts (14%)
• Daytime continence: females<males ($P=0.024$)
• No difference in nighttime continence ($P=0.58$)

<table>
<thead>
<tr>
<th>Time point</th>
<th>Daytime Continence Rate (%)</th>
<th>Nighttime Continence Rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>With Catheterization</td>
<td>Without Catheterization</td>
</tr>
<tr>
<td>4 months</td>
<td>64</td>
<td>36</td>
</tr>
<tr>
<td>1 year</td>
<td>64</td>
<td>44</td>
</tr>
<tr>
<td>2 years</td>
<td>88</td>
<td>47</td>
</tr>
<tr>
<td>4 years</td>
<td>90</td>
<td>60</td>
</tr>
</tbody>
</table>

Conclusions
• Day and nighttime continence improve over time and majority of patients achieve continence by 2 years.