Currently, there is a lack of data on the safety of different types of IUCs, particularly on hydrophilic or pre-lubricated catheters. Therefore, patients’ routine use of IUCs was evaluated and the safety profiles of the two groups of catheter users were compared.

**RESULTS ON OVERALL MATCHED POPULATION AND OVER EXPOSURE PERIOD**

<table>
<thead>
<tr>
<th>Occurrence of at least one ssUTI</th>
<th>Number of ssUTIs per patient</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>63.1%</td>
<td>58.5%</td>
</tr>
</tbody>
</table>

**Similar proportion** of patients with at least one ssUTI in both groups.

Significantly fewer ssUTIs per patient in pre-lubricated group than in hydrophilic group.

**Prescription of non-specific antibiotics (ATC code) + UTI-related diagnosis (ICD-10 code)**

**OR**

Prescription of UTI-specific antibiotics

**Analysis parameters**

- Occurrence of at least one ssUTI
- Number of ssUTIs per patient

**Propensity score matching**

**Retrospective Real-World-Data analysis from a UK database**

5,296 IUC users

458 pre-lubricated catheter users

4,838 hydrophilic catheter users

**REAL-WORLD-EVIDENCE RESEARCH:**

SYMPTOMS SUGGESTIVE OF URINARY TRACT INFECTIONS (ssUTI) AMONG INTERMITTENT URINARY CATHETER (IUC) USERS


**ssUTI identified in the database**

- Prescription of non-specific antibiotics (ATC code) + UTI-related diagnosis (ICD-10 code)
- Prescription of UTI-specific antibiotics

**Analysis parameters**

- Occurrence of at least one ssUTI
- Number of ssUTIs per patient

**Pre-lubricated catheter (N=458)**

- 36.9%
- 63.1%

**Hydrophilic catheter (N=458)**

- 41.5%
- 58.5%

**Similar proportion** of patients with at least one ssUTI in both groups.

**Significantly fewer ssUTIs per patient** in pre-lubricated group than in hydrophilic group.

**Pre-lubricated catheter (N=458)**

- 0.9
- 1.3

**Hydrophilic catheter (N=458)**