Urinary Catheterization

OM Nursing Academy
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Introduction :-
- Insertion of a Catheter into Bladder through urethra for Various Purposes.

Purpose :-
- To drain Urine.
- For Bladder irrigation.
- To collect Urine sample.
- At the Time of Surgery.

Types of Catheterization :-

1. **Indwelling / Retention :-**
   - Indwelling Catheter is kept for a period of time in Bladder.
   - E.g. **Foley’s Catheter**

2. **Straight Catheter :-**
   - यह Short Period of time के लिए काम मे ली जाती है
   - Ex:- K-90

3. **Supra Pubic Catheter :-**
   - इसमें Anterior Abdominal पर Incision लगाकर Catheter को Directaly Bladder में insert करवाते हैं
     Eg. :- Malicot, Pezzer (Mushroom Catheter)
4. Ureteric Catheter :-

- इसमें Catheter को Cystoscope की सहायता से Renal pelvis में pass करते हैं
- **Coude Catheter** (Curved tip) - Used in Enlarge prostate.

**Retention Time :-**

- Plastic Catheter :- Up to 1 week.
- Rubber / Latex Catheter :- 2 - 3 week
- PVC (Poly vinyl chloride Catheter) :- 4 - 6 weeks
- Silicone Catheter :- 2 - 3 month

**Procedure :-**

<table>
<thead>
<tr>
<th>Male Patient Catheterization</th>
<th>Female Patient Catheterization</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Position</strong></td>
<td>Supine with leg abducted (Slightly) Penis Pull upward &amp; Forward at 90°</td>
</tr>
<tr>
<td><strong>Clean The Genital</strong></td>
<td>Clean the Penis in circular motion center to Outward.</td>
</tr>
<tr>
<td><strong>Dry sterile cotton</strong></td>
<td>use to clean.</td>
</tr>
<tr>
<td><strong>Insert</strong></td>
<td>7-9 inch</td>
</tr>
<tr>
<td><strong>Lubricate</strong></td>
<td>6-7 inch</td>
</tr>
<tr>
<td><strong>Lubricate with Water soluble Jelly.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Position</strong></td>
<td>Dorsal Recumbent position</td>
</tr>
<tr>
<td><strong>Clean the Genital</strong></td>
<td>Clean from front (above urethral opening) to back.</td>
</tr>
<tr>
<td><strong>Insert</strong></td>
<td>3 inch</td>
</tr>
<tr>
<td><strong>Lubricate</strong></td>
<td>1-2 inch</td>
</tr>
</tbody>
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**Note :-** use sterile water to inflated the balloon because saline crystalize & result in incomplete deflation.
Catheter Size:
- Adult Male: 16 - 18 French
- Adult Female: 14 - 16 French
- Child: 8 - 10 French
- Infant: 5 - 8 French

Note:
- To avoid pulling the urinary Catheter, Nurse should tape the Catheter on Patient's Upper thigh.
- Maintain strict sterile technique during Catheterization.

Condom Catheter:
- Not insert into Urethra.
- The Catheter use for a short period