Urine catheters

A urine catheter is a tube inserted via the urethra (trans-urethral) or through the stomach wall (suprapubic), so that urine can be drained. The catheter can remain in the body for a longer or shorter period of time, depending on the material from which it is made. There are two main groups of urine catheters: drainage catheters (incl. intermittent catheterisation) and permanent catheters (continuous urine drainage).

**Drainage catheters**
- One-off catheter • One-way catheter

**Application:**
Short-term catheterisation to drain urine from the bladder.

**Method:**
- Insert catheter
- Urine drains from the bladder
- Remove catheter

**Types of drainage catheters:**
- Coated drainage catheter: Hydrogel coated catheter, is activated by water
- Uncoated drainage catheter: Insert using lubricant with lidocaine and chlorhexidine (Installagel RVG 06689)

**Permanent catheters**
- Balloon catheter • Foley catheter • Two-way catheter • Permanent catheter

**Application:**
Continuous drainage of urine from the bladder for longer periods.

**Method:**
- Insert catheter
- Fill the balloon with sterile water (7 cc is advised)
- Connect catheter to urine bag
- Catheter remains a number of days to a number of weeks in the body, depending on the type.

Curion bladder catheterisation sets are available for insertion of catheters, containing all the necessary equipment.

**Components and versions**

For all types of urine catheters, the following characteristics apply:

1. **Tip of the catheter**
   - Straight tip = Nelaton
   - Curved tip = Tiemann
   Tiemann catheters are only used for men, especially when an enlarged prostate makes insertion difficult.

2. **Length of the catheter**
   - Standard = 40 cm
   - Female catheter = 16-20 cm

3. **The diameter of the catheter**
   - The diameter is expressed in Charnières (CH). This is an originally French measurement. 1 Charnière = 1/3 mm

4. **Various types**
   - Nelaton catheter: straight tip, 40 cm long
   - Tiemann catheter: curved tip, 40 cm long
   - Female catheter: straight tip, 20 cm long

The same catheters are used for suprapubic catheterisation and for catheterisation through the urethra. The length of use is also the same. Hydrogel coated latex catheters give greater wearing comfort.
Drainage catheters (synonyms are: one-off, disposable or PVC catheter) or permanent catheters (synonyms are: Foley, two-way, three-way, balloon catheter and catheter à démeure). In order to choose the correct diameter, the following information must at least be known:

### Permanent catheters

<table>
<thead>
<tr>
<th>Item no.</th>
<th>French gauge (ch)</th>
<th>Balloon</th>
<th>ZI number</th>
<th>ZI-memo code</th>
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</thead>
<tbody>
<tr>
<td>833218</td>
<td>14</td>
<td>5-10 ml</td>
<td>15015867</td>
<td>CURIC1</td>
</tr>
<tr>
<td>833220</td>
<td>20</td>
<td>5-10 ml</td>
<td>15015896</td>
<td>CURIC2</td>
</tr>
<tr>
<td>833222</td>
<td>22</td>
<td>30 ml</td>
<td>15015971</td>
<td>CURIC2</td>
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</tbody>
</table>

*Curion CuriStay permanent catheters are also available in a pack of 10. The complete range can be found at www.curion.nl

### Accessories

<table>
<thead>
<tr>
<th>Item no.</th>
<th>Volume/size</th>
<th>Packaging</th>
<th>ZI number</th>
<th>ZI-memo code</th>
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<td>6 ml</td>
<td>10 pcs</td>
<td>13896555</td>
<td>INSTC6</td>
</tr>
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<td>335344</td>
<td>11 ml</td>
<td>10 pcs</td>
<td>13897039</td>
<td>INSTC1</td>
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<td>810694</td>
<td>2 pcs</td>
<td>14618818</td>
<td>DRANPL</td>
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<td>1 pc</td>
<td>14729231</td>
<td>CATHX</td>
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<td>82513</td>
<td>CH 14</td>
<td>1 pc</td>
<td>15189446</td>
<td>CATHX</td>
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</tbody>
</table>

### More information?

Would you like to know more about Curion products, or receive expert advice? Call the free information line at Medeco 0800 - 022 82 82, available on workdays from 9.00 - 16.00 hours.