Uro-Tainer® Polihexanide

MECHANICAL FLUSH WITH
ADDED PROTECTION
Uro-Tainer® Polihexanide
0.02 % Polihexanide

MECHANICAL FLUSH WITH ADDED PROTECTION
Uro-Tainer® Polihexanide (UT-PHMB) is a new addition to the Uro-Tainer® product range. UT-PHMB provides a mechanical flush, together with bacterial decolonisation for suprapubic and indwelling urethral catheters.

WHY WAS UT-PHMB DEVELOPED?
In order to administer a mechanical flush of fluid into the bladder, to help remove debris, mucus and light haematuria, the catheter needs to be disconnected from the catheter bag or catheter valve. This disconnection increases the risk of introducing bacteria into the catheter and bladder.

UT-PHMB was developed to help minimise this complication by containing polihexanide (PHMB) an antimicrobial which helps reduce bacteria colonisation of the catheter.

WHAT IS PHMB?
Protects Helps Minimises Bacteria
PHMB (known chemically as Poli Hexa Methylene Biguanide or Polihexanide) is active against gram – and gram + bacteria, fungi and yeast including MRSA, Pseudomonas aeruginosa, VRE etc.

PHMB has been in general use for about 60 years with no evidence of resistance. For example it is used widely in cosmetics, contact lens solution, swimming pools and wounds. It has demonstrated good clinical safety with no evidence of resistance and minimal toxicity*1.

PHMB is not adsorbed by cells and tissue, nor absorbed by them, and therefore cannot interfere with the metabolism of the body.

Properties of UT-PHMB
- Non toxic, non irritant
- Hypoallergenic
- No known resistance
- Suitable for long term use, not systemically absorbed
UT-PHMB IS MORE EFFECTIVE THAN SALINE IN REDUCING THE BACTERIAL LOAD IN THE CATHETER.

Greater than 99.9% bactericidal activity*2

Reduction on
Staphylococcus aureus
Enterococcus hirae
Pseudomonas aeruginosa
Escherichia coli K12
Proteus mirabilis
Klebsiella pneumoniae ESBL

*Data on file: Brill H, Bactericidal Activity of Uro-Tainer in the Quantitative Suspension Test according to EN 13727:2003

WHAT THIS MEANS TO YOU AND YOUR PATIENT
The patient can benefit from having the mechanical flush to help maintain the catheter and reduce catheter changes, with the added protection of an antimicrobial to minimise bacterial colonisation.

CHOOSING THE CORRECT Uro-Tainer®

<table>
<thead>
<tr>
<th>Issue</th>
<th>Risk of bacterial colonisation</th>
<th>Encrustation</th>
<th>Debris, mucus, haematuria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treatment objective</td>
<td>Prevention or reduction of adhesive cells</td>
<td>Prevent or remove encrustation</td>
<td>Mechanical rinsing or flushing</td>
</tr>
<tr>
<td>Uro-Tainer® PHMB</td>
<td>✓</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td>Uro-Tainer® NaCl</td>
<td>-</td>
<td>-</td>
<td>✓</td>
</tr>
<tr>
<td>Uro-Tainer® Suby G &amp; Uro-Tainer® Solutio R</td>
<td>-</td>
<td>✓</td>
<td>-</td>
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</tbody>
</table>
### B. Braun Uro-Tainer® Polihexanide

<table>
<thead>
<tr>
<th>Size</th>
<th>Product Code</th>
<th>Pack Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ml</td>
<td>FB99965</td>
<td>10</td>
</tr>
</tbody>
</table>

PHMB is recommended to help aid removal of debris, mucus, light haematuria and provide bacterial decolonisation of the catheter.

The regime varies from user to user, up to one or two irrigations per day may be required.

### B. Braun Uro-Tainer® Twin Suby G

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>2 x 30 ml (Twin)</td>
<td>9746609</td>
<td>10</td>
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</table>

Suby G is recommended if the patient is identified as a 'blocker'.

A regular regime can be used as a prophylactic measure to prevent the build up of encrustation and catheter blockage. By measuring the pH regularly and the length of time the catheter takes to block, the nurse can decide how often to use the Suby G solution.

The maximum dosage is twice daily.

If irritation is experienced, treatment should be halted.

### B. Braun Uro-Tainer® Twin Solutio R

<table>
<thead>
<tr>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>2 x 30 ml (Twin)</td>
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</tbody>
</table>

Solutio R is recommended prior to catheter change and also for persistent 'blockers'.

Solutio R can be effective in clearing a catheter which is completely blocked with encrustation. Prior to catheter removal it will dissolve crystals formed in and around the catheter tip making removal less traumatic to the delicate urethral tissue.

A combination of Suby G and Solutio R is also an option for persistent 'blockers'.

The maximum dosage is twice daily. If irritation is experienced, treatment should be halted.

### Also available in the Uro-Tainer® range

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Size</th>
<th>Product Code</th>
<th>Pack Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uro-Tainer® M NaCl</td>
<td>50 ml + injection port</td>
<td>FB99854</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>100 ml + injection port</td>
<td>FB99853</td>
<td>10</td>
</tr>
<tr>
<td>Uro-Tainer® NaCl</td>
<td>50 ml</td>
<td>FB99849</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>100 ml</td>
<td>FB99833</td>
<td>10</td>
</tr>
<tr>
<td>Uro-Tainer® Chlorhexidine (P)</td>
<td>100 ml</td>
<td>FB32838</td>
<td>10</td>
</tr>
<tr>
<td>(prescription only medicine)</td>
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</tr>
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</table>
How to use Uro-Tainer® Polihexanide

SIMPLIFIED CATHETER MAINTENANCE

Uro-Tainer® is a sterile, ready to use, disposable system for the maintenance of catheters and bladder instillation. It considerably reduces the formation of crystals, the risk of urinary tract infections and the frequency of catheter replacement. The entire operation is carried out in a closed circuit with no entry or exit of air.

**STEP 1**
Warm Uro-Tainer® in lukewarm water. Meanwhile disinfect your hands thoroughly. If possible wear disposable gloves.

**STEP 2**
Tear open plastic overwrap and remove the Uro-Tainer®.

**STEP 3**
Close the clamp by dipping it.

**STEP 4**
Pull tag to remove cap. Twist and withdraw cap without touching sterile connector.

**STEP 5**
Open the clamp and let a few drops of the Uro-Tainer® solution flow into the catheter to remove any air locks.

**STEP 6**
Insert connector of Uro-Tainer® into catheter and let the Uro-Tainer® flow into the catheter as shown in step 7.

**STEP 7**
Allow fluid to drain in by gravity until no more flows in. Do not squeeze the sachet. Directly rise in and out without any time in the bladder. Do not disconnect the sachet from the catheter.

**STEP 8**
Open clip and hold bag downwards to allow the used solution to drain back into the Uro-Tainer® sachet. When the bag is full close the clip and remove from the catheter. Attach the drainage bag and discard the Uro-Tainer® after use. Now disinfect your hands. For single use only.