Thomas Splint System - Cleaning Instructions

Risk Assessment

Medical Devices Agency guidelines on the method of decontamination taking into account infection risk from the reprocessed device to the patient

<table>
<thead>
<tr>
<th>Risk</th>
<th>Application of an item</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>High</td>
<td>In close contact with a break in the skin or mucous membrane. Introduced into sterile body areas.</td>
<td>Cleaning &amp; Sterilisation.</td>
</tr>
<tr>
<td>Intermediate</td>
<td>In contact with mucous membranes. Contaminated with particularly virulent or readily transmissible organisms Prior to use on immunocompromised patients.</td>
<td>Sterilisation or disinfection required. Cleaning may be acceptable in some agreed situations.</td>
</tr>
<tr>
<td>Low</td>
<td>In contact with healthy skin. Not in contact with patient.</td>
<td>Cleaning (physically removes infectious agents without necessarily destroying them).</td>
</tr>
</tbody>
</table>

CLEANING GUIDELINES

Please refer to guidelines below for washing instructions

<table>
<thead>
<tr>
<th>Thomas Splint Component</th>
<th>Recommended cleaning method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas Splint side members</td>
<td>Cleaning &amp; Steam Sterilisation</td>
</tr>
<tr>
<td>Thomas Splint Thigh Hoops</td>
<td>Thermal Washer Disinfector</td>
</tr>
<tr>
<td>Thomas Splint Diposable Slings and Hoop Covers</td>
<td>Single Patient Use 400 wash</td>
</tr>
</tbody>
</table>

CLEANING

Can be achieved by either manual or automated methods - manual cleaning should only be undertaken when automated methods are inappropriate or unavailable. Automated cleaning is a controlled process that will allow more consistent results. Where available the use of mechanical cleaners such as washer-disinfectors and ultrasonic tanks is preferred to the manual cleaning of items. The cleaning method should be assessed to ensure the effectiveness of the cleaning process without damage to equipment.

MECHANICAL CLEANING - THERMAL WASHER DISINFECTORS (REPEATED EXPOSURE TO WET HEAT)

Initial Clean - at or below 35°C.
Followed by a hot water disinfection rinse where the surface temperature of the item processed should reach a minimum temperature of 71°C for a minimum of 3 minutes, 80°C for 1 minute or 90°C for 1 second (HC(91)33 and BS 2745)
MANUAL CLEANING - NON IMMERION
A warm water/detergent solution at correct dilution A clean, disposable, absorbent, non-shedding cloth or mechanical drying facility (eg drying cabinet or industrial hot air dryer) A chemical neutraliser, first aid kit and eye wash bottle, in case of splashing with detergent.

STEAM STERILISATION
Direct contact between the material being sterilised and pure dry saturated steam at the required temperature in the absence of air. The recommended combinations of time and temperature are given in HTM 2010, Part 3:

| Sterilisation temperature (°C) | 115 | 121 | 126 | 134 |
| Max Allowance Temperature (°C) | 118 | 124 | 129 | 137 |
| Minimum Holding Time (minutes) | 30  | 15  | 10  | 3   |

Frame Measurements for Steam Sterilisation (with side members fully retracted)

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult</td>
<td>80 cm</td>
</tr>
<tr>
<td>Paediatric</td>
<td>56 cm</td>
</tr>
</tbody>
</table>

NOTE: The Thomas Splint System is designed for long term use; however, regular inspection of adjustment areas and frame body is advised. Please replace if necessary.

THOMAS SPLINT SLINGS
All Thomas Splint slings are single patient use and must be discarded at the end of the treatment.

- Wash 40°C
- Do not bleach
- Do not tumble dry
- Do not wring
- Do not iron

Special Wash Instructions
- Single Patient Use Only
- For Single Patient Use

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