Dolphin Fluid Immersion Simulation®: Immerse your pediatric patients in healing

Initially developed for dry transport of U.S. Navy dolphins, the Dolphin pediatric therapy surface provides Fluid Immersion Simulation® (FIS), reducing soft tissue distortion and promoting blood flow. This easy-to-use mobile system provides the most advanced wound treatment therapy options for clinically complex pediatric patients, and is clinically effective at accelerating the healing of advanced stage wounds, multiple pressure ulcers, burns and other wound conditions.
Dolphin Fluid Immersion Simulation®
Pediatric Surface

How It Works:
Dolphin FIS software utilizes complex algorithms and a microprocessor to precisely adjust the surface density to each pediatric patient’s unique anatomical features. It automatically calculates the exact settings needed to simulate floating in a fluid medium.

Benefits:
• Advanced 3D immersion technology automatically simulates a fluid environment, which:
  – Alleviates vertical shear forces
  – Reduces soft tissue deformation
  – Maintains near normal blood flow
  – Minimizes insensible water loss
• Control unit does not transfer heat to the patient room
• Allows the bed frame to fully articulate, making patient turns, transfers and egress easier
• 12-hour battery backup allows for active therapy during transport

Mattress Specifications:

<table>
<thead>
<tr>
<th>Mattress Type</th>
<th>Length</th>
<th>Width</th>
<th>Thickness</th>
<th>Minimum Weight Capacity</th>
<th>Maximum Weight Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dolphin Pediatric FIS Mattress</td>
<td>82”</td>
<td>35”</td>
<td>8” or 10”</td>
<td>5 lbs.</td>
<td>300 lbs.</td>
</tr>
<tr>
<td>Dolphin Pediatric FIS Crib Mattress</td>
<td>57”</td>
<td>29”</td>
<td>5”</td>
<td>5 lbs.</td>
<td>300 lbs.</td>
</tr>
</tbody>
</table>

Electronics:
Agency Approvals: UL Classified: UL 60601-1 CAN/CSA C22.2 No. 601.1-M90
USA: 115V AC, 60Hz

Environmental Conditions:

<table>
<thead>
<tr>
<th>Condition</th>
<th>Ambient Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Conditions</td>
<td>10˚ C to 40˚ C (50˚ F to 104˚ F)</td>
<td>30% to 75% Non-Condensing</td>
</tr>
<tr>
<td>Storage and Shipping Conditions</td>
<td>10˚ C to 40˚ C (50˚ F to 104˚ F)</td>
<td>10% to 100%</td>
</tr>
</tbody>
</table>