



- ▶ Prevents and treats wounds of clinically complex pediatric patients by simulating the immersion of the patient in a fluid medium
- ▶ Minimizes soft tissue deformation and maintains near normal blood flow
- ▶ Automatically adjusts to each patient's weight, surface area and repositioning
- ▶ Offers enhanced patient comfort and better clinician ergonomics

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.



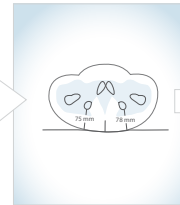
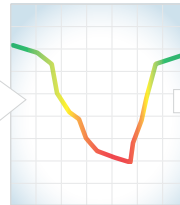
Step 1

Patient is placed on mattress surface and the FIS software begins to work



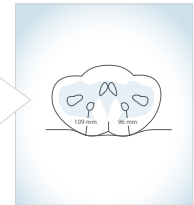
Step 2

FIS software automatically calculates the exact settings needed to mimic immersion in a fluid medium to relieve any contact pressure



Step 3

Soft tissue distortion is minimized and near normal blood flow is maintained



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:

	Length	Width	Thickness	Minimum Weight Capacity	Maximum Weight Capacity
Dolphin Pediatric FIS Mattress	82"	35"	8" or 10"	5 lbs.	300 lbs.
Dolphin Pediatric FIS Crib Mattress	57"	29"	5"	5 lbs.	300 lbs.

Electronics:

Agency Approvals: UL Classified: UL 60601-1 CAN/CSA C22.2 No. 601.1-M90

USA: 115V AC, 60Hz

Environmental Conditions:

	Ambient Temperature	Relative Humidity
Operating Conditions	10° C to 40° C (50° F to 104° F)	30% to 75% Non-Condensing
Storage and Shipping Conditions	10° C to 40° C (50° F to 104° F)	10% to 100%



Visit www.oncaremedical.com to learn more.

OnCare™ Dolphin is a proud offering of Agiliti Health, Inc. Fluid Immersion Simulation® is a registered trademark of Joerns Healthcare, LLC. Cub Pediatric Crib is a product of Stryker Corporation

CORPORATE OFFICE

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