



- ▶ Prevents and treats wounds 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
- ▶ Fits existing bed frames, including ICU, Med/Surg, and Bariatric

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

Initially developed for dry transport of U.S. Navy dolphins, the Dolphin therapy surface provides Fluid Immersion Simulation® (FIS), reducing soft tissue distortion and promoting blood flow. In addition to wound prevention, the Dolphin FIS is clinically effective at accelerating the healing of advanced stage wounds, multiple pressure ulcers, flaps, skin grafts, burns and other wound conditions. This easy-to-use mobile system is available for most frames including hospital beds, operating room tables, stretchers, wheelchairs and bariatric.





# Dolphin Fluid Immersion Simulation®

## How It Works:

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



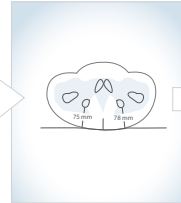
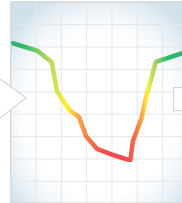
### Step 1

Patient lies down and the FIS software begins to work



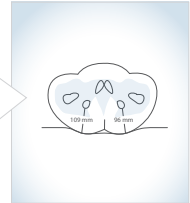
### Step 2

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	Weight Capacity
Standard	82"	35"	8" or 10"	500 lbs.
Bariatric	82"	48"	10"	1,000 lbs.
V-Matt*	88"	35"	10"	500 lbs.

Please note: Dolphin chair pads and OR pads are also available. Please contact your UHS representative for details.

\*For VersaCare®1 Frame

## 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%



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