HEALING

Joerns Dolphin™

Dolphin Fluid Immersion Simulation®

Advanced technology that will revolutionize your wound prevention and intervention.

Joerns Dolphin™

Designed to save Dolphins, but will save you a whole lot more.

Dolphin Fluid Immersion Simulation® (FIS) System is a unique breakthrough technology that was originally developed by the U.S. Navy in response to the need to transport specially trained marine mammals, such as dolphins, over long distances outside of water. Since the 1960's, the Navy has trained dolphins for important force protection and rescue missions around the world. These exceptional animals are highly trained and exceptionally well cared for. Unfortunately, transportation outside of water over long distances subjected them to the harsh vertical shear forces of gravity, causing internal organ trauma and circulatory distress.

The Dolphin FIS system was created to solve this challenging problem. The advanced 3D immersion technology automatically simulates a fluid environment, maintaining near normal blood flow and optimizing tissue oxygenation.

Like dolphins, humans have skin that's very delicate and easily injured. Like dolphins, humans can suffer tissue damage when lying on certain surfaces. And like dolphins, humans can be injured by vertical shear forces.

The floating effects are simulated, but the outcomes are real.

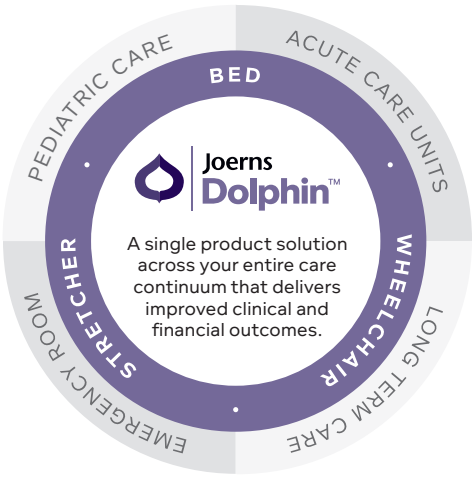
Dolphin FIS technology is having a dramatic effect on people's lives, people such as Joe. A 57-year-old US Air Force Veteran, Joe has been living with his paraplegia for 33 years. He enjoys fishing, bowling, coin collecting, and attending National Paralyzed Veterans of America Wheel Chair Games. In 2009, while returning from the PVA Spokane Games, Joe's skin was so sensitive that he suffered a very severe skin tear while being transferred into his airplane seat. Despite aggressive treatment, Joe was facing confinement to a bed for 22 to 23 hours per day.

His therapist suggested Joe try the Dolphin wheelchair cushion as a last resort. While hesitant at first, Joe agreed and has never looked back from that day. The Dolphin FIS Cushion has allowed Joe to spend an average of 8 to 10 hours per day out of bed.

Technology designed to save dolphins helped restore Joe's freedom of movement.

Breakthrough technology delivering you superior results with lower costs.

Implementing breakthrough technology in your facility usually means costly and intense staff training and education. The Dolphin FIS System's proven results will deliver improved patient care throughout your facility. At the same time, the simple, fully automatic operation minimizes staff training, allowing them to remain focused on delivering the care your patients need. Breakthrough technology that doesn't break your budget – that is the Dolphin FIS System.



Dolphin™ Bed

Dolphin™ Wheelchair Cushion

Dolphin™ Stretcher Pad

Automate how your staff prevents and treats wounds.
Tasks that are complicated can rob your staff of valuable patient interaction time, and negatively impact patient outcomes. With its fully autonomic operation, your staff simply turns on the system and places the patient on the surface. The Dolphin FIS System monitors the support surface over 100 times per second, constantly adjusting to patient repositioning. Saving your clinical team time and energy, while ensuring best practice, reduced risk and cost – that is what Dolphin FIS can do for you.

Simplify and optimize your clinician's decision making.
Therapeutic surfaces that have limited applications in your facility can cause significant gaps in effective wound treatment for your patients. Dolphin FIS is the first and only technology to prevent and treat pressure injuries across your entire care continuum, whether it is in an ER, ICU, spinal cord injury unit, or a long term care facility. Available in standard, bariatric and pediatric models, Dolphin FIS allows you to standardize on one high acuity surface throughout your facility, saving you time and money, while ensuring optimal outcomes. Your patients can live in a fluid immersion world their entire stay.

The Fluid Immersion Simulation technology of the Dolphin System reduces soft tissue distortion and promotes blood flow, creating a platform that is highly effective for the prevention and healing of pressure ulcers through Stage IV, as well as, treating patients with post-operative flaps and grafts. The Dolphin FIS System may also be used for patients whose medical condition precludes turning and repositioning, or where these interventions may be contraindicated as they place the patient at risk for further compromise, as well as, patients with spinal cord injury once the acute injury has been stabilized and these patients have been cleared by a physician. In all cases, Joerns clinical indications are guidelines and should be taken only as recommendations for consideration during individual patient assessment by the clinician.