

DolphinCare™ Integrated Bed System

Another innovation of the Dolphin Fluid Immersion Simulation® platform that is revolutionizing wound prevention and intervention.





Dolphin Fluid Immersion Simulation® (FIS) is the new “gold standard” in wound care. Designed to deliver unparalleled wound healing and prevention, this breakthrough technology revolutionizes treatment, improves outcomes, and addresses broader challenges such as readmission rates, caregiver injuries, and the overall cost of care.

Dolphin FIS is a single technology platform that is the first and only system to prevent and treat pressure injuries on all patient surfaces throughout the entire care continuum. It is in operating and emergency rooms, intensive care, spinal cord injury and medicine and surgery units, as well as long term care facilities. And now, with the new DolphinCare™ system, Dolphin is available for home care.

The DolphinCare Integrated FIS Bed System integrates Dolphin’s unsurpassed wound healing technology with the safety, reliability and adaptability of Joerns Healthcare’s best-in-class UltraCare® XT with AdvancedCare and QuickCare features. Never before has a single device enabled patients to receive optimum wound care treatment in so many different positions.

Every part of DolphinCare is designed with the patient in mind. The DolphinCare system provides FIS therapy across the entire surface, limiting the potential for pressure gradients due to edge effects. The UltraWide 42" expanded width of DolphinCare can reduce fall risk by up to 37% as compared to 35" wide beds. At a low height of 7", DolphinCare provides an industry-leading low height, reducing the risk of injury should a fall occur, yet its QuickCare function raises and lowers the bed with remarkable speed and stability.



Home-like features reduce the institutional feel and enhance patient dignity; overall satisfaction improves, promoting better overall outcomes. The system also creates a more comfortable bed and room environment, without the concern for insensible water loss that can lead to dehydration, impaired wound healing and other negative outcomes. Because of the Dolphin’s range of settings, clinical indications, and now its ability to deliver care in the home, more chronically wounded and at-risk patients can receive the advanced care they need.

Clinical Indications

Prevention and healing of pressure injuries through Stage 4

Post-operative flaps and grafts

Medical conditions that hinder effective turning and repositioning

Interventions may be contraindicated as they place the patient at risk for further compromise

Spinal cord injury once the acute injury has been stabilized and a physician has cleared patient

In all cases, Joerns clinical indications are guidelines and should be taken only as recommendations for consideration during individual patient assessment by the clinician.



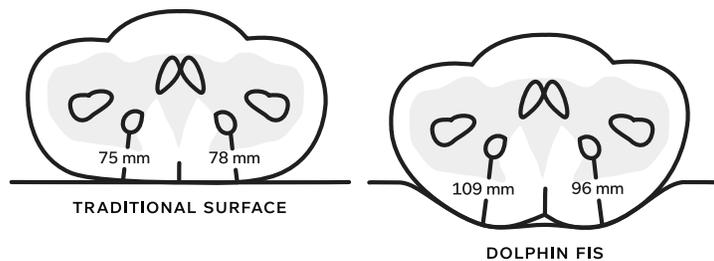
Reduces soft tissue distortion and promotes blood flow

Leads to improved healing, fewer rehospitalizations and overall lower cost of care.



Improves Clinical Outcomes

DolphinCare uses Fluid Immersion Simulation, allowing patients to heal faster by simulating the effects of a body immersed in a fluid through state-of-the-art immersion and envelopment. The intelligent system automatically adjusts to a patient's weight, surface area, and repositioning, providing minimal tissue deformation and maintaining near normal blood flow. This leads to improved tissue perfusion resulting in improved wound healing while reducing associated pain from chronic, severe wounds. The benefit to the patient is improved care and comfort and clinicians suffer fewer injuries due to proper ergonomics during care.



Sparrow Specialty Hospital Sees Results

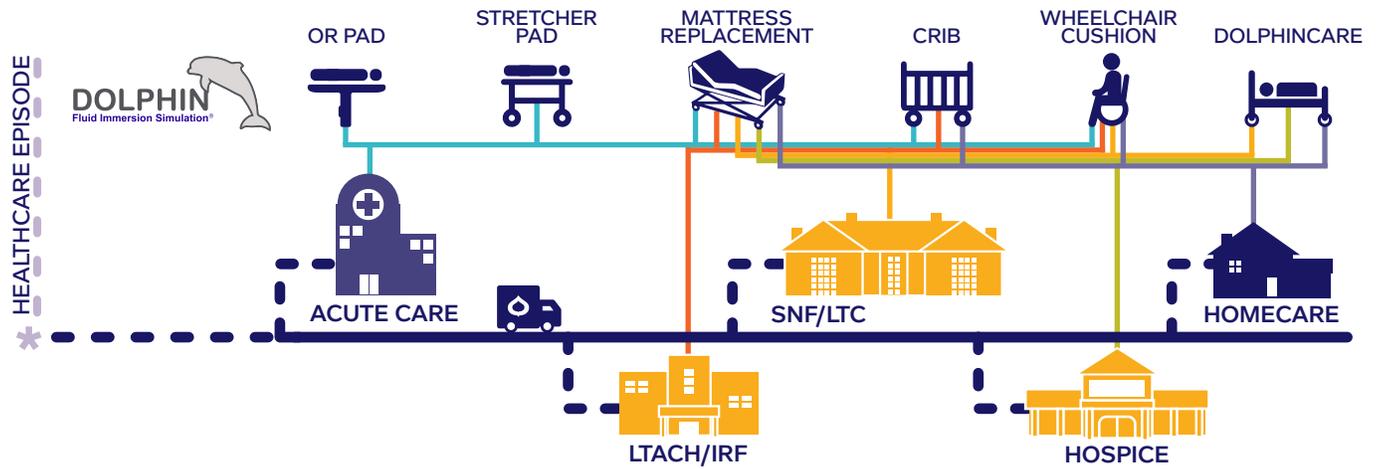
Sparrow Specialty Hospital in Lansing, Michigan conducted a study in 2012 to compare the efficacy of Dolphin therapy as an alternative to air fluidized therapy for flap patients.¹ Implementation of Dolphin into the post-operative care protocol for patients with post-myocutaneous flap procedures led to incisional healing, successful flap closure and improved post-operative patient comfort during the evaluation period. The study also reported the following benefits:

- Decreased incidence of acquired pneumonia
- Eliminated patient complaints of feeling uncomfortably warm
- The facility saved over 50% in equipment costs during the study

Improves Financial Outcomes

In today's value-based purchasing environment, the DolphinCare system bridges advanced care outcomes with reduced rehospitalizations, shorter lengths of stay and increased patient satisfaction. DolphinCare enables the delivery of advanced wound care directly in the home, or in the most effective, lowest cost care setting possible. The system has no special structural or environmental requirements, making the installation easy and convenient.

Dolphin: Uniquely Serving the Care Continuum



Promotes Patient Mobilization



The DolphinCare system has several features that work in harmony to help promote patient mobility while providing safety and security to the patient. The one touch Auto-Transfer capability provides an easy way to automatically position the bed at the optimum egress height. The system also features an AutoFirm function that optimally inflates the surface to improve stability as the patient sits on the edge of the bed or during ingress/egress. Lastly, the Deluxe Assist Handle is mounted at an ergonomic height to best assist patient mobilizations in and out of bed.

Reduces Caregiver Injury



The DolphinCare features AdvanceCare positioning that provides gravity-assist for easier and safer patient repositioning as well as Comfort Chair functionality for comfort, relaxation, improved circulation, and more ergonomic care by bringing the patient closer to the caregiver. The Deluxe Assist Handle reduces the physical demands of helping a patient get out of bed while promoting independent repositioning within the bed. Combined with FIS, DolphinCare's specially made cover reduces the force necessary to reposition a patient.

The DolphinCare Integrated Fluid Immersion Simulation Bed System is an unprecedented tool for the home care environment. Its wound healing and prevention capabilities, its versatility and safety, and its ability to prevent wound recurrence make it a powerful tool for any organization concerned about clinical outcomes, rehospitalizations, lengths of stay, patient satisfaction and the overall cost of care. To learn more about DolphinCare, contact your Joerns solutions advisor or call 1-800-826-0270, option 1.

1. Mayes, K. and Melendez, J. (2012). Cost effective care without clinical compromise: incorporating the Dolphin Fluid Immersion Simulation mattress system into the postoperative care of patients undergoing myocutaneous flaps, presented at Wild on Wounds National Conference, September 12-15, 2012, Las Vegas, NV.

Copyright Information

1. U.S. Copyright Registration TX0004287954/ 1996-05-13 entitled "Biologics 900T."
2. U.S. Copyright Registration TX0003047992/ 1991-03-18 entitled "Archimedes linker; EDC airbed; Airbed."
3. Application dated April 22, 2011 for U.S. Copyright Registration entitled "AutoVector/ICU" designated by Service Request No. 1-586714831.