



Bariatric Lift Device

OTT 1839

Applications

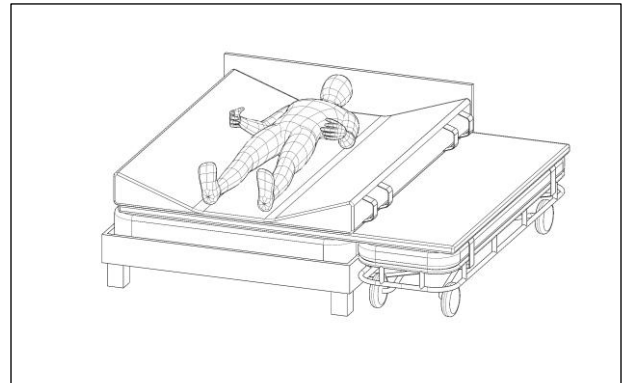
Designed to assist EMTs, nurses, and home caregivers in moving obese patients out of their beds. It is particularly valuable in emergency medical services, hospitals, and home care settings.

Target Problem

One quarter of EMTs suffer a serious back injury within the first five years of their careers, often due to moving bariatric patients. Despite the low volume of these calls, the physical strain and risk of injury are significant, leading to high costs and career-ending injuries.

Solution

The Bariatric Lift Device is designed to help medical workers safely move patients weighing 400-1,000 pounds. It is deployed under the patient and inflates creating wedges to hold the patient in place. The top of the device detaches from the bottom creating an ultra-slick surface allowing the EMTs to pull the patient onto the stretcher. This reduces the physical strain on EMTs, minimizing the risk of back injuries and improving the efficiency of patient transfers, leading to significant cost savings.



Key Benefits

- Reduces the risk of back injuries for EMTs and healthcare workers
- Simplifies the process of moving bariatric patients
- Decreases the time and costs required to transfer patients
- Battery-powered design eliminates the need for a power outlet
- Compatible with existing patient transfer protocols

Stage of Development

A prototype has been developed for testing with EMTs and healthcare workers.

Partnering Opportunity

PerryMedical has an exclusive option agreement with the UWM Research Foundation to evaluate this technology for licensing. Together the parties are working to find manufacturing and distribution partners to help commercialize the final product.

Intellectual Property

Patent pending.

About the Inventor(s)

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