Morphecover®

PATENT PENDING CE

Mattress cover that upgrades every hospital bed

Morphecover® is a **mattress cover** with two air compartments that can be inflated alternately with compressed air.

Morphecover® enables hospital nursing staff to easily tilt bedridden patients weighing up to 205 kg into alternating **left and right positions.** This makes care easier and allows regular repositioning therapy to be caried out by just one nurse.

- Fits on every standard bed and mattress
- Biocompatible cover: **safe for the skin**
- 100% hygienic: **machine washable** at 60°C.
- Modular Design with **spare parts** service.
- Includes 4cm topper: **foam or 3D**

Note: Choose the Morphemat® if you need temporary repositioning, e.g. patients with pneumothorax. The Morphemat® can be taken off and on the bed and stored for next patient.

Ergotrics®
INFLATABLES FOR HEALTHCARE

Interested in product information or a demo?

info@ergotrics.com • www.ergotrics.com

20241203_Ergotrics_Brochure_Morphecover_

Fast,Ergonomic & Safe Repositioning

Scientific studies show that repositioning patients every 2 hours has many benefits and helps to prevent complications. **Patients recover faster and it improves oxygenation**. It also prevents skin damage, as well as cardiovascular and musculoskeletal effects of immobility.

However, healthcare staff are often unable to manually reposition patients on a regular basis. It takes a lot of time, requires the manpower of 2 to 4 nurses and is a heavy ergonomic burden.

Morphecover® allows hospital staff to effortlessly tilt patients into alternating left and right position. The unique advantage of the Ergotrics innovation is the use of compressed air instead of manual force, which is **an ergonomic breakthrough** in the hospitals.

The science behind turning patients

"There is broad consensus that all intensive care patients should be moved regularly from their back to their sides, and two hourly positioning has been suggested as a routine standard of care."

- Goldhil 2007

"Routine patient positioning in the ICU prophylactically promotes comfort, prevents pressure ulcer formation and may reduce the incidence of deep vein thrombosis, pulmonary emboli, atelectasis and pneumonia.

- Hewitt 2018

"Repositioning supine patients is most frequent patient handling and is associated with high rates of musculoskeletal disorders."

- Wiggermann 2020; Schoenfisch 2019

"In the USA only 3% of patients had their position changed every two hours, and 28 percent remained in the same position for more than 8 hours."

- Griffiths 2005

20241203_Ergotrics_Brochure_Morphecover_

Benefits for patient and caregiver

ERGONOMIC PRODUCT FOR CAREGIVER

Reduce physical strain by using **compressed air** instead of manual labor.

TIME SAVING AND EASY TO USE

Manually reposition in less than a minute. Simple and fast. Less caregivers needed for repositioning. **More time to spend on care**.

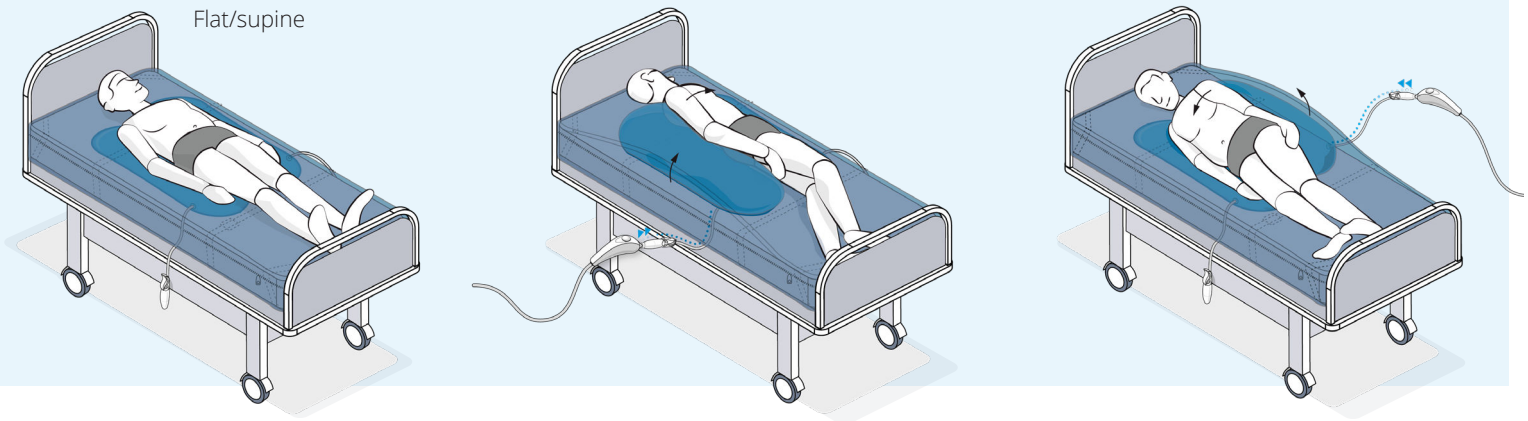
STABLE POSITIONING

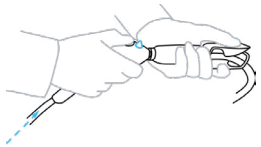
Morphecover® is placed on top of the mattress. Tilts only one side (not complete mattress) and avoids the patient to slide away.

OPTIMAL PATIENT CARE WITHOUT SPINAL TORSION

Adhere to the recommendation to reposition patient every 2 hours. **Morphecover® support the complete torso** resulting in the same angulation of shoulders and hips.

How to effortlessly reposition patients.





- **Simply inflate** with the **Hummingbird**
- **Compatible** with the standard compressed air system in hospitals
- **Deflate** handsfree with easy valve system .