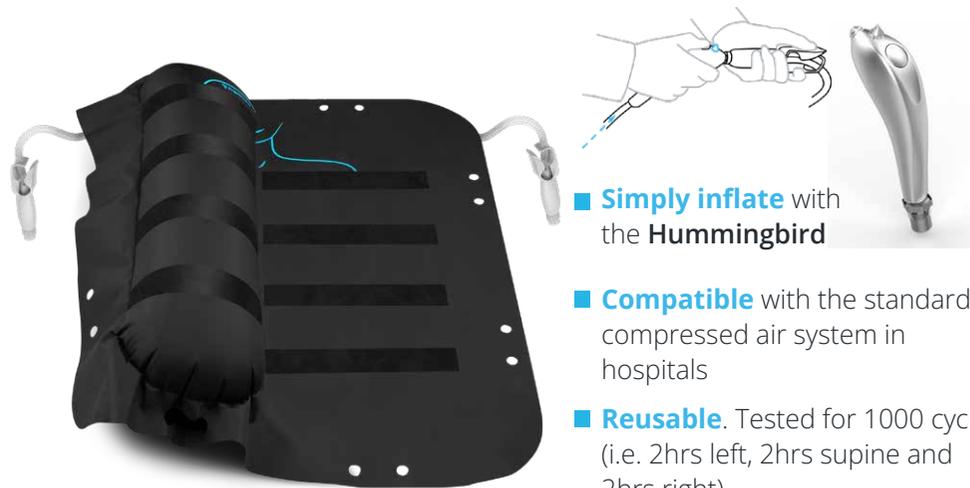


Morphemat® ergonomic patient repositioning device



FAST, SIMPLE, ERGONOMIC AND SAFE!

Morphomat® is a flexible mat containing two air compartments that are alternatingly inflated with compressed air. Morphomat® allows caregivers in intensive care units (ICU) to effortlessly **tilt patients up to 180 kg** into alternating positions left and right.



Interested in product information or a demo?
info@ergotrics.com • www.ergotrics.com

Ergotrics, brochure, IMM, V1, EN



Application in the Intensive Care Unit



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.

Morphemat® enables a caregiver in the intensive care units (ICU) to **effortlessly tilt patients into alternating positions** (left and right). The unique advantage of the Ergotrics innovation is the use of compressed air instead of manual labour, which is **an ergonomic breakthrough** in the ICU.

The science behind lateral repositioning

"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 intensive care units, compliance to turning protocols ranges from 38 to 51%. Potential explanations for this include sub-optimal caregiver staffing ratios."

- Pick ham 2016

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

- Griffiths 2005

Benefits for patient and caregiver



REDUCTION OF BACK PAIN 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. More time to spend on care. **Less caregivers needed.**



STABLE POSITIONING

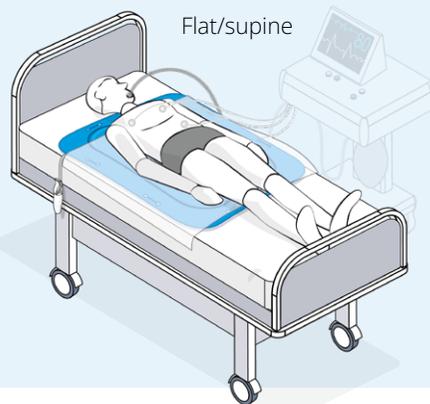
Morphemat® is self-retaining. By lying on the non-inflated part, the patient keeps the Morphemat® in place. The anti-slip areas provide **extra stability.**



OPTIMAL PATIENT CARE WITHOUT SPINAL TORSION

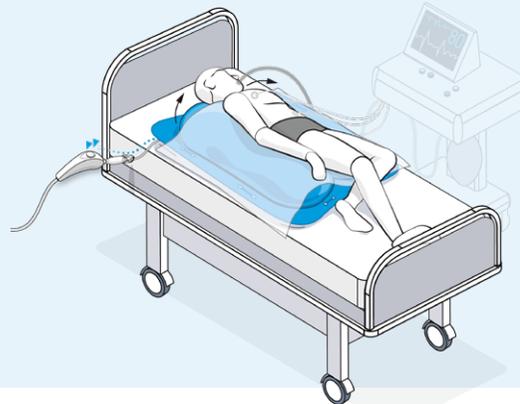
Adhere to the recommendation to reposition patient every 2 hours. **Morphemat® support the complete torso** resulting in the same angulation of shoulders and hips.

How to effortlessly reposition patients.

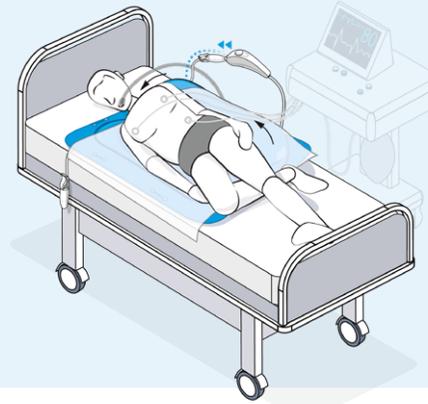


Flat/supine

Right side lifted



Left side lifted



Always use a cover between patient and Morphemat®. You can use your own linen, or ask for our **4-layer washable Abso-fix.**

4 LAYERS (fully breathable)

