RIK® Fluid Overlay



The RIK Fluid Overlay is a non-powered, fluid-based mattress overlay that provides pressure redistribution through immersion and envelopment.

The overlay utilises MicroFlow™ technology, a viscous fluid which is designed to conform to the user's body and help to minimise interface pressures. The RIK Fluid Overlay surface reduces the contact pressure at the skin-overlay interface by increasing the surface area over which the individual is supported. As the user moves, so too will the MicroFlow™, ensuring that pressure redistribution is maintained without the need for a powered pump.

In studies, the RIK system has shown to be as effective as an active mattress system for appropriate patients.¹

The overlay can be attached to most mattresses and is indicated for use in patients at high risk of pressure injuries.



Key features

Pressure redistribution

MicroFlowTM is a viscous fluid that is designed to conform to the shape of bony prominences to redistribute pressure equally without "hammocking" or surface tension.

As effective as active surfaces

In a study of 158 patients, 67% of pressure injuries improved in patients on the RIK mattress (n=75). The study concluded that the RIK static mattress system may prove as effective as active mattress systems for appropriate patients.

INDICATION

The RIK Overlay is indicated for patients at high risk of pressure injuries.

CONTRAINDICATIONS

- Unstable cervical, thoracic and/or lumbar fracture
- Cervical traction

Patient transfer

Firm foam around the perimeter provides a support edge for patient egress. The V-shaped cuts allow for bending of the mattress when the head and foot sections are elevated.

Uses standard hospital flat sheets

Sheet attachments located along the sides allow most standard hospital flat sheets to be attached loosely to eliminate "hammocking".

Specifications

	DIMENSIONS	WIGHT	SAFE WORKING LOAD
RIK Fluid Overlay	198 (L) x 83 (W) x 13.9 cm (H)	45 kg	159 kg (350 lb)
Supplemental mattress	198 (L) x 83 (W) x 6.4 cm (H)	4.5 kg	
Part Numbers			
Complete Assembly	VL22000		
Supplemental Mattress	MS22000		
Top Cover	TC22000		
End Pad	ES22000		
Centre Pad	CS22000		
Bottom Panel	BC22000		

References:

1. Russell L, Reynolds TM, Towns A, Worth W, Greenman A, Turner R. (2003). Randomized Comparison Trial of the RIK and the Nimbus 3 Mattresses. British Journal of Nursing. 12(4):254, 256-259

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At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injury and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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