





*At last, a mattress that offers  
the user a unique combination of high  
performance decubitus prevention  
and exceptional comfort!*



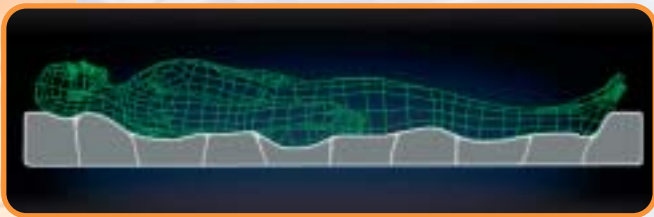
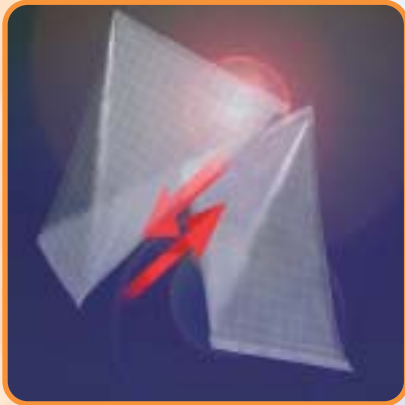
*the best  
in  
body  
support*

# Academy Mattresses



## Vicair® Technology

The Vicair® Academy mattress offers a unique, innovative system of body support. The mattress contains many hundreds of air-filled SmartCells™ with low surface friction, which allows them to move easily against each other and to conform precisely to the body's contours. The individual deformation of the SmartCells™



enhances this conformity. The result is a stable and comfortable body support combined with superior pressure distribution. The mattress is divided into 40 compartments each with its own cell density, thus creating an optimal environment to deal with pressure and shear forces. This innovative technology of Dutch origin is being applied with great success all over the world.

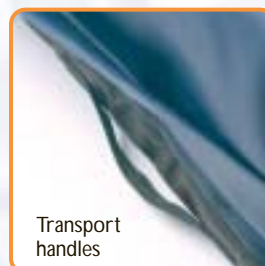
## Usage

Since 1995 the Vicair® Academy mattress has been clinically tested with very satisfactory results. The Academy mattress is indicated for patients at high risk of developing decubitus. Even with an existing decubitus stage 3 or 4, the Vicair® Academy mattress has been successfully applied. Transfer to and from the Vicair® mattress is extremely comfortable, owing to its stable support. Resuscitation or cardiac massage can be performed without any additional

measures. The mattress is provided with carrying handles, which make the mattress easy to transport, but which can also be used to carry the mattress with patient in situ in the event of an emergency evacuation. The four corners of the mattress are fitted with double plastic rings, designed to provide a four-point fixation of the bed sheet; this is designed to prevent the sheet from being fitted too tight and causing "hammocking". In order to distinguish the Vicair Academy mattress visually from standard mattresses, we have attached a foldable information flap to the foot. The mattress can thus be easily recognized: an essential feature when used in the clinical environment. Finally, the unique design results in a mattress that is safe, easily maintained and lightweight. Its unique combination of features make the Vicair® Academy mattress an ideal product for clinical use as well as for home care purposes.



4 point fixation rings



Transport handles



Foam bottom layer

## Design

The Vicair® Academy mattress is available in three sizes, including one children's size. The outer cover is made of polyurethane-coated fleece fabric of exceptional quality: soft, stretchable in two directions and liquid proof.

## Models



Information flap



Paediatric mattress

The Academy mattress can be used on any type of bed frame. The information flap makes the mattress easy to identify in the clinic. The high quality pressure distribution, without the need for electrical power, makes it a reliable and comfortable solution in both the clinical and the home care environment, for the patient as well as for the nursing staff.

The patient's buttocks sink into the mattress, causing a protection against shear forces that occur when sitting half-upright.

The Vicair® Academy Mattress comprises 40 independent compartments that can move independently of each other. Each of them has an individually adjustable cell density for optimal body support and pressure distribution.

The Vicair® Academy mattress is easy to maintain and transport. The handles can be used to carry the mattress and the patient in case of an emergency evacuation.

The Vicair Academy range includes a specially designed paediatric mattress.



Mattress with outer cover



Easy to handle



40 compartments which move independently

## Most important advantages

- High-performance pressure distribution
- Absorption of shear forces
- Stable positioning
- Comfortable for user and nurse
- Low maintenance
- Safe and reliable in use
- Clinically proven