

VICAIR®



The Vicair® Academy Back sets a new standard in the positioning of wheelchair users with high demands!

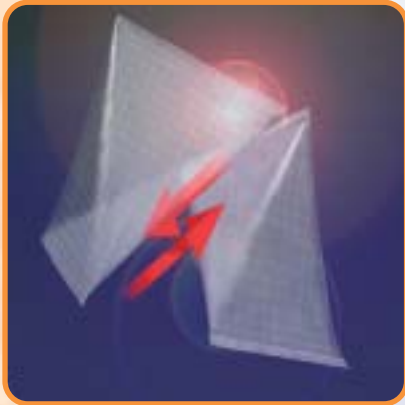
*the best
in
body
support*

**Academy
Backsystem**



Vicair® Technology

The Vicair® Academy Back consists of a shell construction made of ABS plastic, covered with a Vicair® Academy cushion. The Vicair® technology uses air filled SmartCells™. The low surface friction of these cells allows them to move easily against each other and to conform precisely to the body's contours. The individual deformation of the SmartCells™ further



enhances this conformity. The result is a stable and comfortable body support, combined with superior pressure distribution. The mounting system developed for the Academy Back consists of four arms which hook on to four matching brackets. This universal system is height-adjustable and can be used on most types of wheelchairs. The back shell with cushion can easily be lifted from the brackets, which, if necessary, allows the wheelchair to be folded for transport. The angle of the Academy Back shell can be adjusted between 80 and 117 degrees relative to the back posts of the wheelchair. The Vicair® Back cushion is divided into nine compartments that can be adjusted in cell density to conform to the user's individual back contours.

Usage



There is a growing awareness of the need to provide wheelchair users both with a high performance pressure distributing seat cushion, and with satisfactory positioning by means of a high quality back support. This provides not only comfort, but also the

necessary freedom of movement and protection against developing skeleton deformities. Because of improvements in medical care, there are more and more long term wheelchair users needing the benefits of proper positioning. The Vicair® Academy Back is individually adjustable and thus a valuable aid in the long-term prevention of skeletal deformities.

Design

The Vicair® Academy Back is available in eight different sizes and is expandable with a thoracic support, of which the angle can be adjusted. The back cushion comes with a two-way stretchable Comfair cover, which can be machine washed at 60°C. A lateral support is available as an accessory.



The Back System can be used on most types of wheelchairs

Academy Cushions



Accessories available



The Academy Back consists of a shell construction made of ABS plastic, which is mounted to the wheelchair through a universal four-point fixation.

The shell is covered with an Academy Back cushion, consisting of nine compartments, which can be individually adjusted to the user's contours.



The angle of the Academy Back can be adjusted and the back can be easily lifted from the brackets for transport purposes.

The Thoracic support allows the user to move the arms freely.

The connection to the back shell is adjustable in angle for optimal support of, for instance, a kyphotic distorted spinal column.

The lateral support, filled with Vicair® cushion technology, is comfortable thanks to the adjustment to the body's contours.

Several attachment items (arms and brackets) are available to allow adjustment to every situation.



The most important advantages

- High-performance positioning
- Universal attachment system
- Individually adjustable
- Prevention of skeletal deformities
- Comfortable



Variety of attachment possibilities