



Reactive **Carital Antideformation Technology**® maximises contact area and minimises contact pressure, effectively preventing deformation of tissues and tissue cells under pressure.

# Carital® OptimaJuve

## Anti-deformation mattress for pediatric patients

### Intended use and target patients

**Carital® OptimaJuve** is a mattress system for pediatric patients at very high or high risk of developing a pressure ulcer. The mattress system is intended for patients aged 3-12 years or patients of equivalent weight and size between **7-150 kg**.

### Operating environment

Carital® OptimaJuve mattress system is intended for use both in the home and in healthcare environments (conventional wards and intensive care).

### Contraindications

Carital® OptimaJuve mattress system must not be used with patients with lower extremities amputated from the midline of the legs upwards.

### Dimensions

- Dimensions of the mattress (width x length x height): 65 x 155 x 8 cm, 70/75/80/85/90 x 130/140/150/160/170/180/190 x 13 cm, with Rehab add-on for the cover: 70-95 x 155 x 8 cm, 75-120 x 130/140/150/160/170/180/190 x 13 cm
- Dimensions of the controller (width x length x depth): 26 x 26 x 11,5 cm

### Cover variants and accessories

- Medicase® hygiene cover
- Mediresc™ rescue cover (not available in all sizes)
- Side supported Rehab add-on for the cover
- Comfort add-on for the cover

### Unique Carital® OptimaJuve mattress system

Reactive **Carital Antideformation Technology**® maximises contact area and minimises contact pressure, effectively preventing deformation of tissues and tissue cells under pressure.

Carital® OptimaJuve mattress systems have tunnel-shaped cells that adjust to the patient's body. The cells are interconnected to provide controlled, adjusted pressure within the 3 zones (head, torso, legs). All cells respond to body weight, profile and position, distributing the load evenly across the entire cell area. Due to the closed air cell system, the mattress has immediate CPR capacity.

### Carital Anti-deformation technology® – scientifically proven to be the most effective

For more information on Carital Antideformation Technology® and its scientifically proven effectiveness in preventing pressure ulcers contact the manufacturer or your local distributor.

