

OptiCare[®]



Personally optimized therapeutic mattress

The integrated mattress



for ICU



The image shows a LINET OptiCare medical bed in a clinical setting. The bed is white with a blue mattress and a control panel on the side. The background is a green wall with medical outlets and a white control unit on a stand. The bed has the LINET logo on the side.

Benefit	Target Audience
<ul style="list-style-type: none">— Superior prevention and treatment of pressure injuries— High level of patient comfort, especially for critical patients— Reduced duration of stay	Patient
<ul style="list-style-type: none">— Intuitive controls— Time-saving— Simple training	Staff
<ul style="list-style-type: none">— Innovative surface for pressure injury treatment— Efficient management— Reduced risk of human error	Management

Smart technology

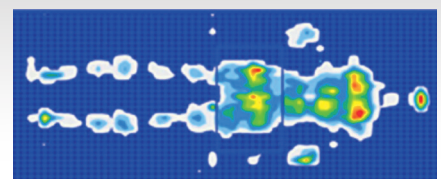
FULLY AUTOMATIC PRESSURE SETTING

OptiCare® automatically adjusts the pressure settings to provide the optimal conditions for each patient with minimal staff intervention.

Every year, **2.5** million patients are treated for pressure injuries in the US*



TYPICAL ACTIVE MATTRESS



SUPERIOR IMMERSION AND ENVELOPMENT

Excessive pressure on the risk points is eliminated by even distribution across the entire body area thanks to superior immersion and envelopment.

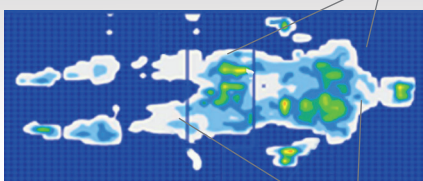
- IMMERSION: Depth of the patient's level in relation to the mattress surface.
- ENVELOPMENT: Allows the mattress to conform to irregularities without increasing pressure in these areas.

Optimization Detection System: Six detectors sense the patient's immersion level to automatically optimize the mattress pressure to suit each patient's weight and position.



OPTICARE

Improved Immersion



Better pressure distribution

REDUCED RISK OF HUMAN ERROR

The automatic pressure adjustment technology continuously regulates the mattress settings, eliminating the need for staff intervention and thereby greatly reducing the risk of human error.

Fully-integrated system

The OptiCare® therapeutic mattress is fully compatible with LINET® ICU beds – Multicare® and Eleganza 5.

BENEFITS OF THE INTEGRATED SYSTEM

- Intuitive mattress controls integrated into the bed's display
- No external compressor
- Easier to move around the hospital

QUICK AND EFFECTIVE CPR

The mattress can be deflated by simply pressing the electronic CPR button on the control panel integrated into the bed. Alternatively, it can be manually deflated through a mechanism directly on the mattress. Following deflation, the patient lies on a firm mattress platform, which facilitates effective resuscitation techniques.

- After sixty minutes of deflation, the mattress will automatically return to the optimal pressure distribution mode or to the maximum inflation mode, thereby limiting any factors that may have an adverse impact on the prevention or treatment of pressure injuries.



Multicare + OptiCare

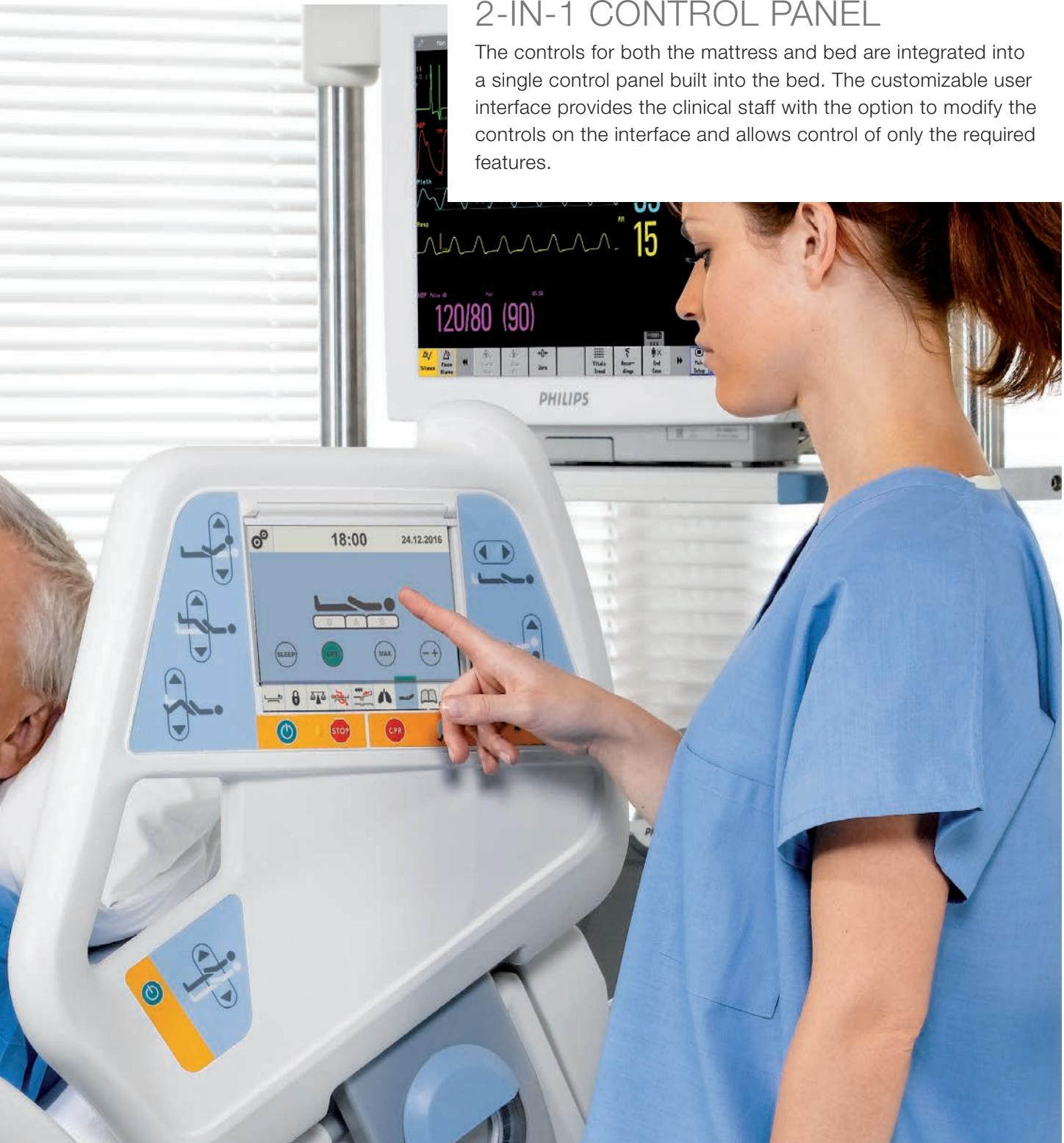


Eleganza 5 + OptiCare



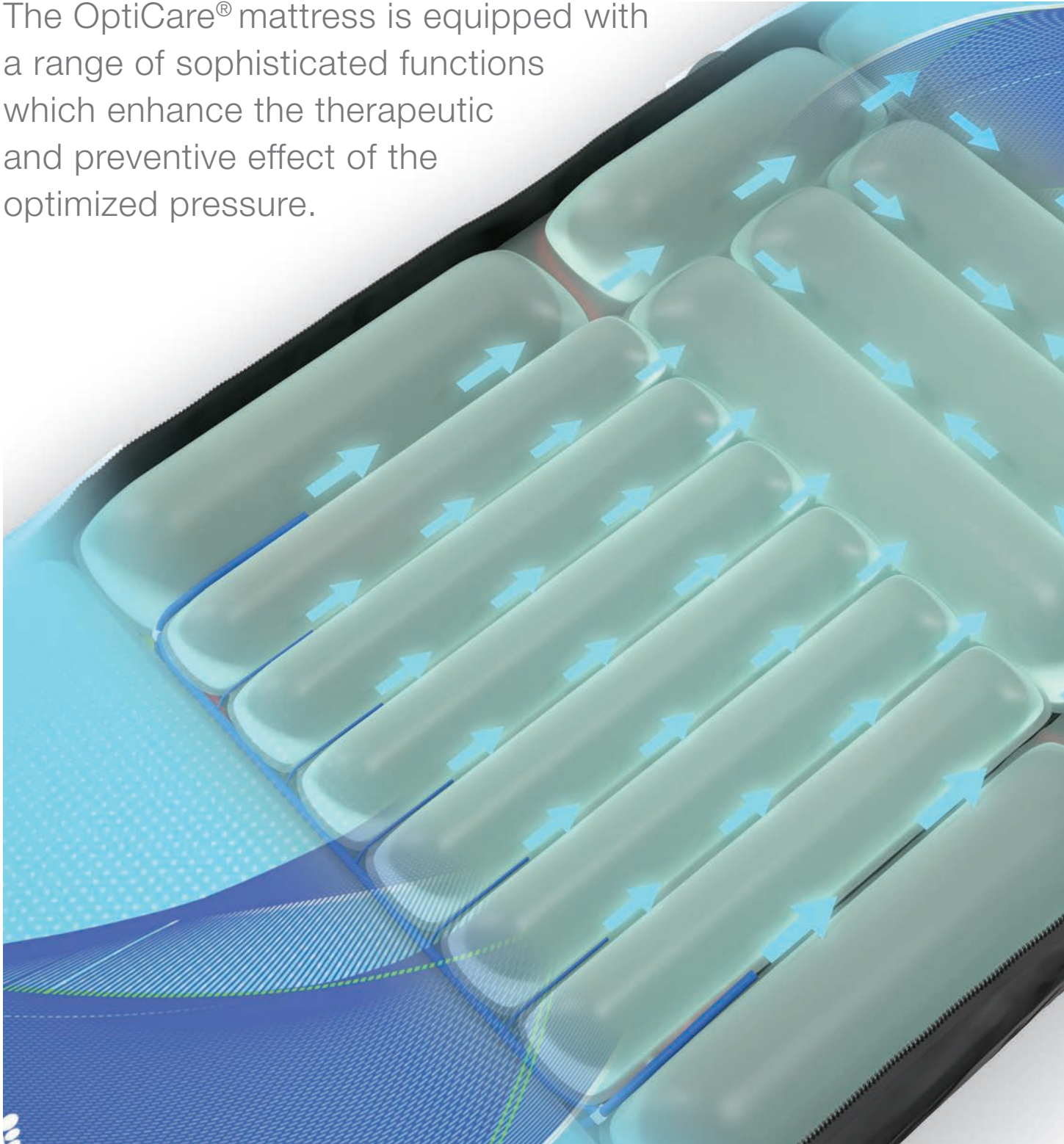
2-IN-1 CONTROL PANEL

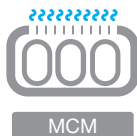
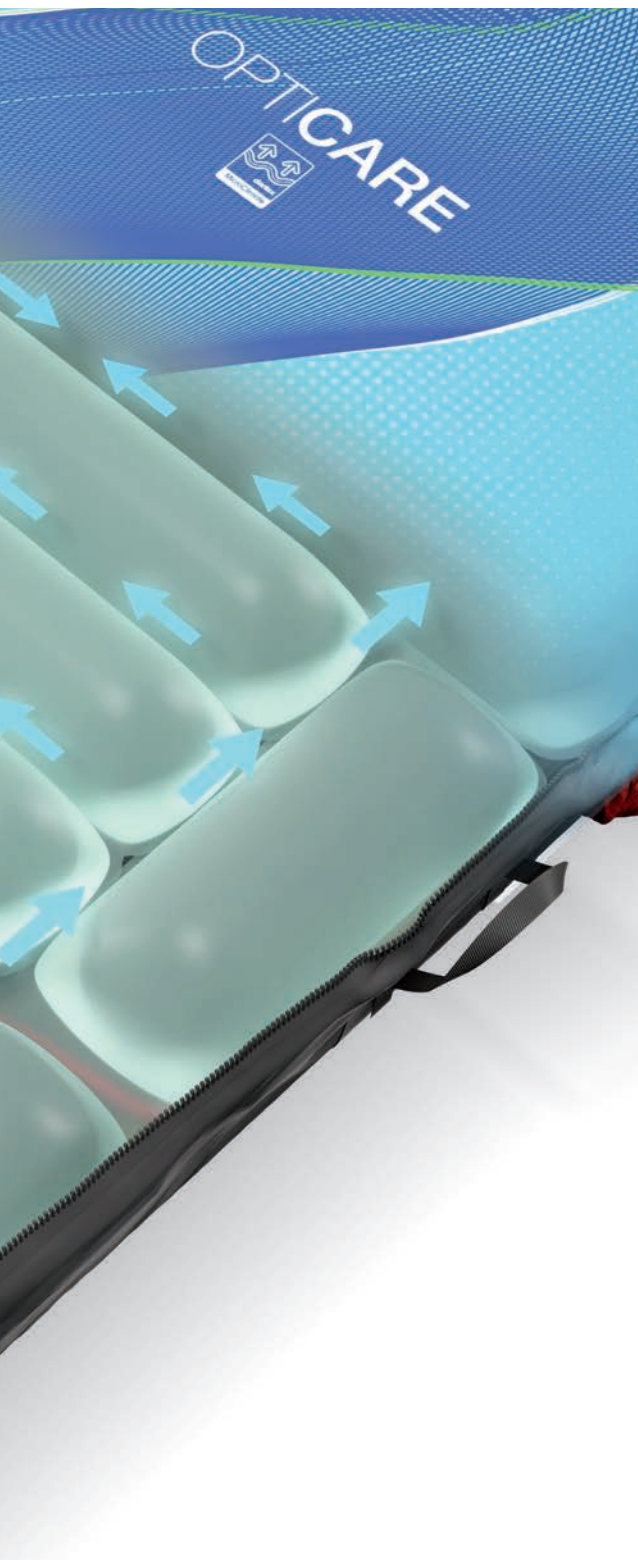
The controls for both the mattress and bed are integrated into a single control panel built into the bed. The customizable user interface provides the clinical staff with the option to modify the controls on the interface and allows control of only the required features.



Even more effective

The OptiCare® mattress is equipped with a range of sophisticated functions which enhance the therapeutic and preventive effect of the optimized pressure.





MICROCLIMATE MANAGEMENT (MCM)

In the context of pressure injuries, microclimate usually refers to skin temperature and moisture conditions at the skin-support surface interface. OptiCare® helps maintain the natural thermoregulation by circulating air through the mattress surface.

- Helps control the heat and humidity of the patient's skin, which is an important part of maintaining tissue viability.

SLEEP MODE

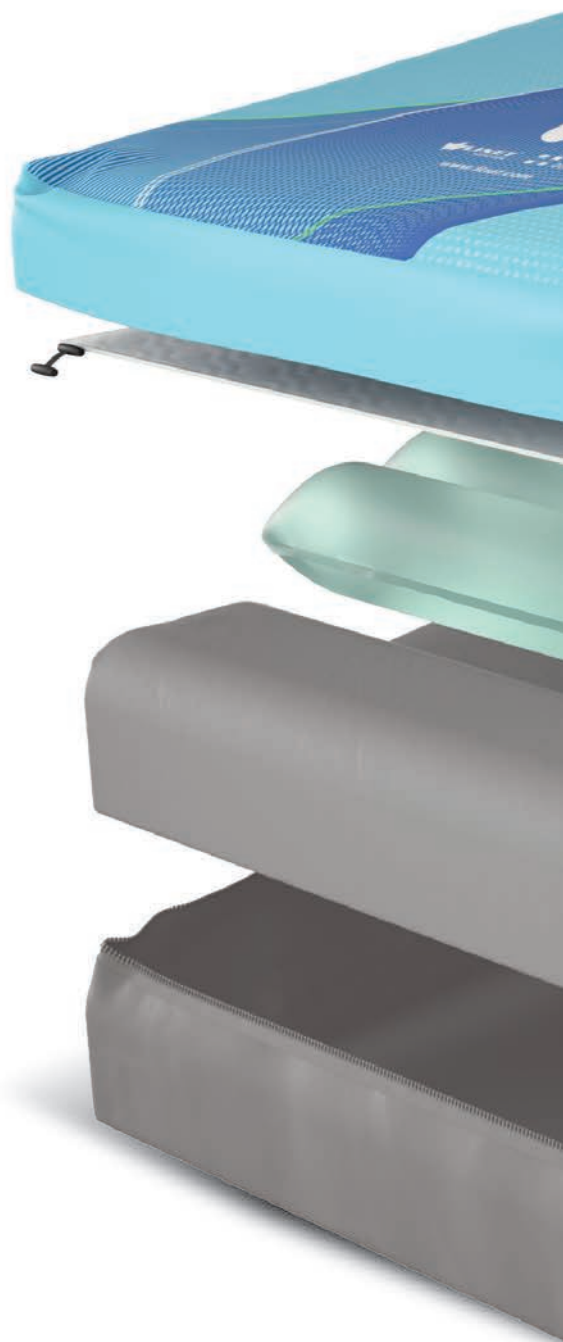
This mode reduces speed and noise in order to minimize the disturbance of the patient during sleep. The clinical efficacy of the mattress is maintained even when switching to sleep mode.

Easy and effective care

AUTOMATIC FOOT EXTENSION

The heel section of the mattress can be automatically adjusted when the bed frame is extended.

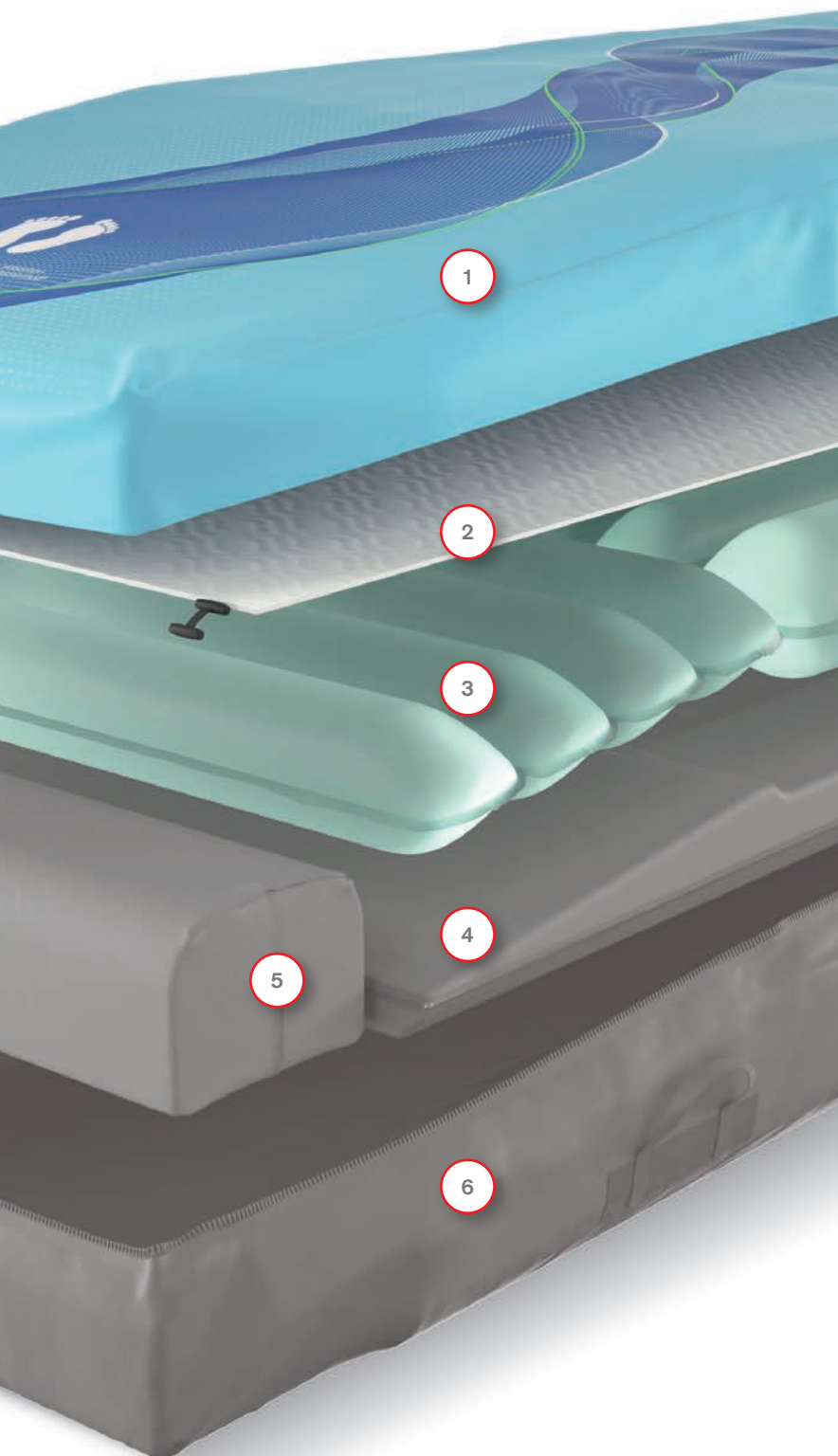
- Easy to use
- No need to open the cover to adjust
- Excellent infection control



HEEL ZONE

The heel section has a 7-degree slope and is lined with a softer foam that gives the patient superior comfort.





MATTRESS LAYERS

- 1 Top cover
- 2 Comfort layer
- 3 Air cell sets
- 4 Bottom safety layer
- 5 Soft heel foam
- 6 Bottom cover

EASY CLEANING

The upper section of the cover consists of highly moisture and vapour permeable (MVP) two-way stretch material.

- A full 360-degree zip to allow easy removal for cleaning or replacement
- The zip is covered by a waterproof flap to protect the mattress against fluid ingress

OptiCare®

Patient

- Superior prevention and treatment of pressure injuries
- High level of patient comfort, especially for critical patients
- Reduced duration of stay



- Intuitive controls
- Time-saving
- Simple training



Staff

Management

- Innovative surface for pressure injury treatment
- Efficient management
- Reduced risk of human error



Members of LINET Group

LINET Americas, Inc.

Address: 10420-R Harris Oaks Blvd., Charlotte, NC 28269

Phone: 877-815-9895 | Fax: 704-248-5655 | E-mail: info@linetamericas.com | www.linetamericas.com

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