

# Eleganza 4

Critical Care Bed



Customised Critical Care Solution

# Eleganza 4: Customised Critical



# Care Solution



360°

simplification  
with patient in mind  
demand-oriented  
sustainability



# Customised Solution

Eleganza 4 is an electrically positionable bed designed for Critical Care environment. The bed platform offers flexible and customized solutions connecting the essential nursing care activities with the patient needs. The product offers variability to fit the demands of your specialty care needs and budget.



ONE BED  
for  
special needs



Stroke Unit



Weaning Unit



Intermediate Care



Post Surgical Unit



Eleganza 4 Care BASIC

intensive  
care



Eleganza 4 Care SAFETY

# At Every Point-of-Care

Most Critical Care treatments and tasks focus on the patient's head and chest. Eleganza 4 allows perfect access to the upper part of the patient's body. The unique siderails concept not only keeps the patient safe but also provides support in critical situations and all daily care activities.



## One-button philosophy

The control panel is easily accessible, and displayed icons are simple to follow. Most of the positioning and emergency functions are set at the touch of one button. A nurse can handle every situation quickly, easily and safely.





## Focus on the upper body

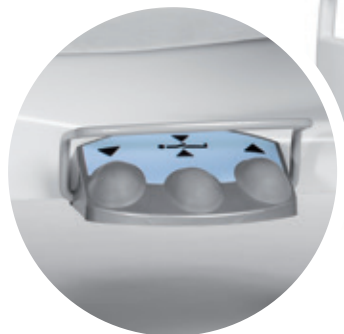
With the integrated control elements in both upper siderails, the caregiver has direct access to all functions and adjustment options of the bed. Thanks to the SoftDrop technology is a totally unrestricted approach to the patient possible. This opportunity optimises highly ergonomical work and saves both physical effort and time.



## Hands-free strategy

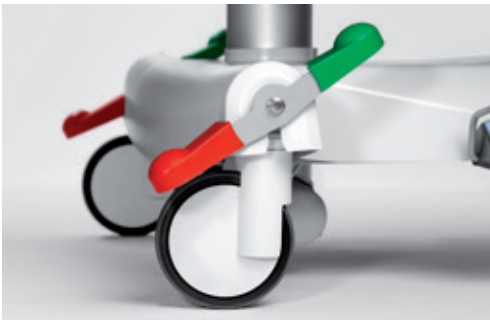
The bed's height adjustment and the special examination position can be set by the foot control. The nurse's hands are free to care for or handle the patient.

- Simple to reach
- Simple to use



# Improved Patient Safety

Patient safety takes top priority. The Eleganza 4 bed is equipped with sophisticated functions that protect the patient in different situations.



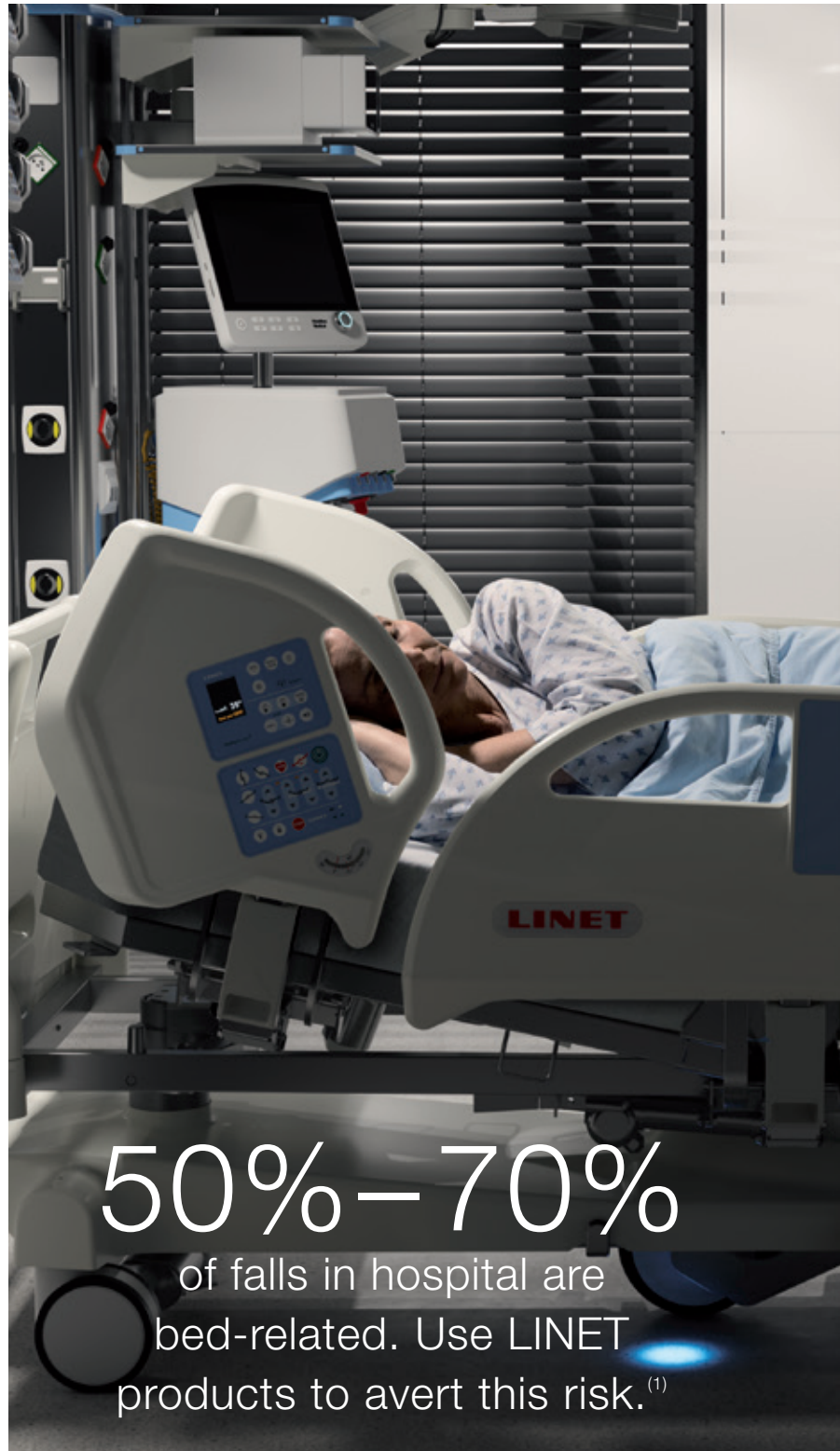
## i-Brake®

The automatic brake can prevent falls caused by an unstable bed, especially during bed egress.



## Bed Exit

The system monitors the patient's movement on the bed and bed exit. It can be set in two modes depending on the patient's demand and mobility.



50%–70%  
of falls in hospital are  
bed-related. Use LINET  
products to avert this risk.<sup>(1)</sup>





## The Siderail Concept

The design of the siderails creates safe environment and reliable support.

- Contributes to falls prevention
- Minimizes risk of entrapment (in between)
- Allows placement of passive or active mattress systems

## Night light

The light function supports better patient orientation at night and can provide a feeling of safety.

## 30° and 45° STOP

The backrest stops automatically at a tilt of 30° and 45°. The Fowler position can improve respiration.

## Safestop®

The bed stops automatically if anything becomes trapped between the bed platform and undercarriage when moving to the lowest position.

## Data integration to EMR

SafetyPort helps caregivers with administration by gathering data from multiple data points on beds in the ward and displaying them real-time in user-friendly environment



# Improved Patient Comfort

Eleganza 4 is designed to provide relevant support during different clinical needs and facilitate patient care. The variety of available features contribute to patient's independence and comfort.



## Cardiac Chair

Relief providing position for patients suffering from cardiovascular or respiratory difficulties. Additionally it can provide comfort during daily routine activities.

## More independence

The patient has a direct access to two different bed controls: an integrated control panel in the siderail and flexible wired patient control that can be placed on the siderails.



## Optimized work flow

### Integrated Scales

Knowing patient's body weight often plays an important role in the critical care environment. The control panel revealing the weight' value is integrated in the upper siderail, easy to access and follow.

### X-ray

Thanks to the X-ray translucent mattress and special bed construction, the chest X-ray can be performed without any need to move the patient.



### i-Drive Power®

The motorized 5<sup>th</sup> castor makes the patient's transportation for further diagnostics, procedures or transfer in between units easier. Clearly minimizes caregiver's physical effort to push the bed and reduces the risk of back injuries.





# Pressure Injury Prevention

The wide range of the passive, hybrid and active LINET mattress portfolio supports individual patient needs regarding injury prevention and therapy. Innovative technologies support a better outcome at the point of care with evidence-based recommendations.



90%  
of pressure injuries can be avoided<sup>(2)</sup>



360° with patient in mind



Eleganza 4 + Virtuoso



Eleganza 4 + Clinicare 100HF



Eleganza 4 + Clinicare 30

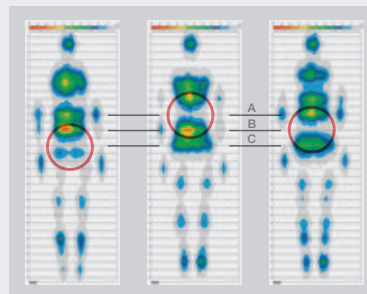


Eleganza 4 + Clinicare 20



### The ErgoFrame®

The ErgoFrame® is a special bed platform construction which when engaged, creates more space under patient's pelvis.

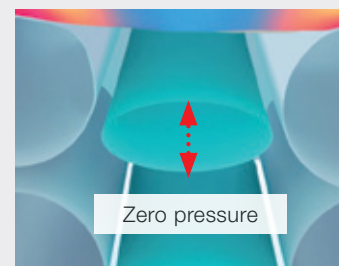


Zero Pressure 3 cell (A, B, C) cycle\*

### Modern Technology

LINET mattresses use the top technologies and are designed based on clinical findings.

\* Zero pressure effect of the Virtuoso mattress



Zero pressure

### Zero Pressure

The Virtuoso uses 3-cell technology to provide the benefits of "Zero Pressure" using regular application and removal of pressure for the most effective therapy and maximum prevention.

# Active Mobilization Step by Step

Thanks to variety of special features, Eleganza 4 provides solid support during each step of mobilization, which is crucial in order to recover, especially in the critical and intensive care units. Early and safe mobilization with patient's active participation contributes to feeling of regained self-independence and leads to a better outcome.





**Step 1:** The patient sits up from the bed's sitting position using the ergonomic siderails and the Mobi-Lift®.



**Step 2:** The patient sits in the "nose over the toes" position with feet placed on the floor. The ergonomic handrail in the siderails and the Mobi-Lift® provide patient stability and safety.



**Step 3:** The button on the Mobi-Lift® allows patients to set the bed height independently, which helps them stand up gently and the nurse can support them with less effort.



## Mobi-Lift® handle

The Mobi-Lift® is a unique feature of LINET beds. It is used to firmly support the patient when sitting or exiting. The patient can set the bed for an individual and easy egress using the up or down button.



## CLINICAL

On average, there is a 2–3% daily loss of muscle mass over the first 10 days.<sup>(4)</sup> Patients need adequate support for quick mobilization.

## Positioning



*Trendelenburg*



*Reverse Trendelenburg*



*Vascular position*



*Autocontour with 30° backrest up*



*Lowest position*



*Examination position*



*Chardiac position*



*30° backrest stop – Fowler position*

# Solutions that grow with your needs

## One Platform. Many Solutions.

Every investment in hospital should pay off in many ways: increasing outcome, streamlining workflow, improving patient care and lowering costs.

The comprehensive bed platform of Eleganza 4 allows you to customise the right bed for the specific needs of each critical care area. Different features of the open architecture of Eleganza 4 can meet your demanding clinical environment and the need to control costs.



Post Surgical Unit



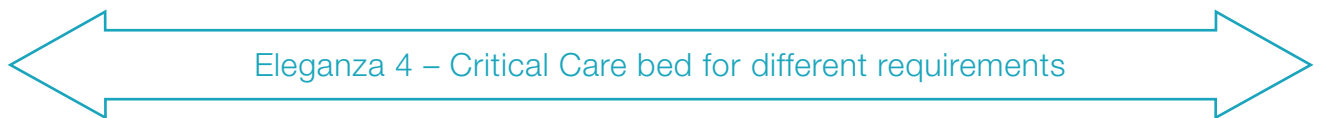
Intermediate Care



Stroke Unit



Weaning Unit



### Eleganza 4 Care BASIC



Your choice:

- Different panel options
- Integrated linen holder
- Mobi-Lift®

### Eleganza 4 Care SAFETY



Your choice and additional focus on safety:

- Night light
- i-Brake alarm
- Bed Exit Alarm

### Eleganza 4 Care MOBILITY



Your choice with additional focus on mobility:

- i-Brake®
- Foot control
- 5<sup>th</sup> castor
- Data integration to EMR (SafetyPort)

### Eleganza 4 Care PROFESSIONAL



Your choice with additional focus on a professionally equipped critical care bed:

- 5<sup>th</sup> castor with i-Drive power®
- Full undercarriage cover
- Integrated X-ray
- Data integration to EMR (SafetyPort)

Select the right options for the specific needs of your patients!

## Service

The bed's modular concept brings a range of economic benefits.

The one bed platform consists of the same spare parts, thus an effective and economically more convenient service.

- Same spare parts for all models
- Quick response in case of a fault
- Service anywhere in the world



## Service contracts

LINET offers regular maintenance and quality service within the scope of various types of agreements. The Service contract ensures 100% bed and mattress performance.



## Training

- Professional installation and staff training for proper operation and use of the functions
- Workshops and professional training courses
- Authorized and experienced technicians who are periodically trained
- Possibility of training directly in your hospital



## Simple bed hygiene re-processing

The column construction, flat and seamless surfaces, as well as removable plastic parts make it possible to completely clean and disinfect the bed easily.



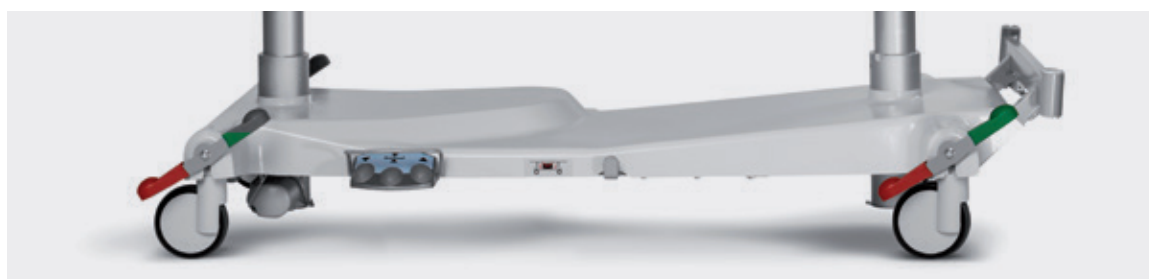
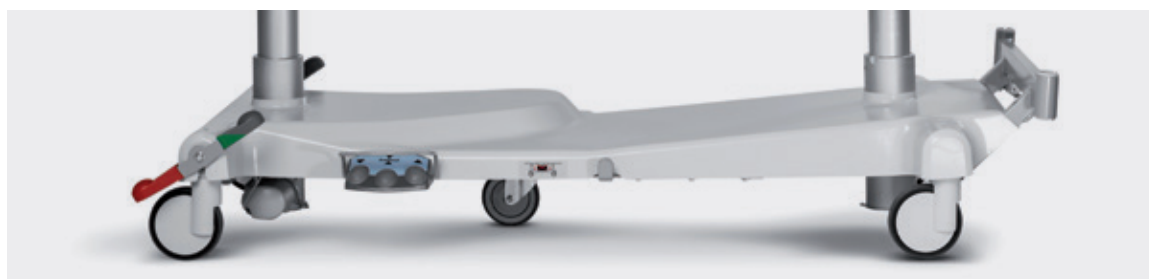


# Flexibility

## Panel options



## Undercarriage options





### Certificates

LINET is a company certified under European standards and quality systems: EN ISO 9001, EN ISO 13485.

Products are manufactured in accordance with the European standards for medical technology and hospital beds: EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-2-52, EN ISO 14971, EN 45501, 2014/31/EU, 2011/65/EU.

### Electric parameters

Power supply	230V AC, 50/60 Hz
Maximum input max.	370 VA
Protection against water and dust	IP X4
Type of protection against electrical current	Class I
Level of protection against injury from electrical current	Applied part type B
Electric motor operation mode (load factor)	max. 2 min ON /18 min OFF

### Technical parameters

External dimensions	217,5×100 cm
Bed extension	0–22 cm
Mattress dimensions	208 × 90 cm
Siderails height and mattress platform	45 cm
Height adjustment	41–79 cm
TR/ATR tilt	14°/14°
Backrest angle	65°
Thighrest angle	25°
Safe working load	250 kg
Maximum patient weight	185 kg

# Eleganza 4

Patient

- Improved patient care, safety and comfort
- Focus on care and active mobilization
- Pressure injury prevention



- Supports the clinical outcome of the patient
- Simplified daily nursing activities
- Easier manipulation thanks to integrated control elements in the upper siderails



Staff

Management

- Customised solution for critical care
- Sustainable solution which grows with needs
- Complex LINET offer includes advanced services and training



## Reference

- (1) Oliver D, Healey F, Haines TP. (2010). Falls and fall-related injuries in hospitals. Clinics in Geriatric Medicine. [https://www.geriatric.theclinics.com/article/S0749-0690\(10\)00053-4/fulltext](https://www.geriatric.theclinics.com/article/S0749-0690(10)00053-4/fulltext)
- (2) Shreve J, Van den Bos J, Grey T et al. The economic measurement of medical errors. Society of Actuaries. <http://www.soa.org/research/researchprojects/health/research-econ-measurement.aspx>
- (3) Principles for the Safe Moving and Handling of Patients, Stephen Wanless, 2016; <https://www.degruyter.com/downloadpdf/j/pielxxiw.2016.15.issue-4/pielxxiw-2016-0040/pielxxiw-2016-0040.pdf>
- (4) Davis, K. G., & Kotowski, S. E. (2015). Prevalence of Musculoskeletal Disorders for Nurses in Hospitals, Long-Term Care Facilities, and Home Health Care: A Comprehensive Review. Human Factors, 57(5), 754–792. <https://doi.org/10.1177/0018720815581933>; <https://journals.sagepub.com/doi/10.1177/0018720815581933>



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