

# Eleganza 5



Provides Innovative Patient Care

# ELEGANZA 5

③ Designed for mobilization

② Designed for safety

① Designed for turning





**4** Designed for positioning

**5** Designed for communication

# ① Designed for Turning

HANDLE YOUR  
PATIENT WITH  
GENTLE CARE AND  
SAVE YOUR BACK!

Innovative tilting technology with smooth columns can help to turn the patient gently with minimum physical effort.

- The nurse can carry out routine nursing procedures ergonomically and effortlessly.
- Improves the prevention of pressure injuries.
- Regular patient positioning can be easy.
- New technology: smooth bed tilting for even more sensitive care.



**\$20 billion**  
annual cost associated with  
back injuries in US healthcare<sup>(2)</sup>

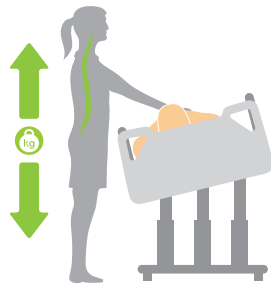
Tested in  
practice

*On the Neurosciences ICU with 13 beds, with 600-700 patient, most of them physically dependent on the nursing care the need of agency nurses decreased by nearly 1 per week thanks to Lateral Tilt – the feature of LINET beds.<sup>(1)</sup>*



## 15° LEFT, 15° RIGHT, DONE!

18,090 days away from work was reported in connection with musculoskeletal injuries of nursing staff in the USA in 2017.<sup>(2)</sup> The Eleganza 5 brings change!



Lateral Tilt for ergonomically correct care

To positioning

To bed making

To bed changing

To hygiene



The traditional way of turning the patient can lead to back injury

## HANDS-FREE TILT

Hands-free operation using the foot controls increases the efficiency of the atraumatic patient turn method. Both of the nurse's hands are free to devote full attention to the patient with less effort.



EASIER PATIENT REPOSITIONING



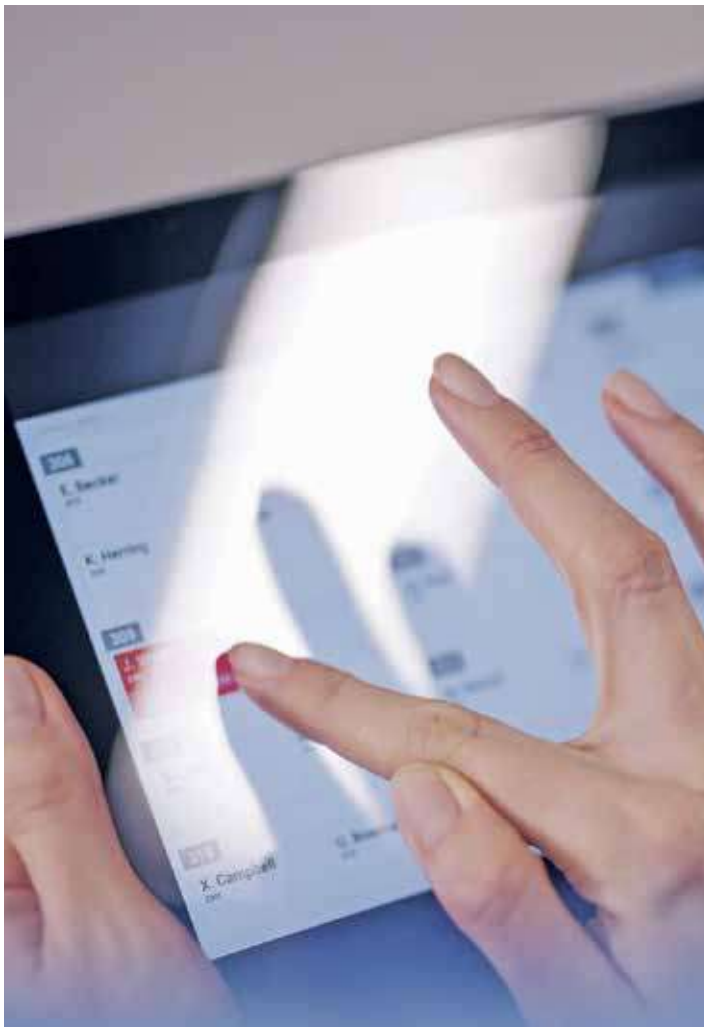
MINIMUM PHYSICAL EFFORT, BACK INJURIES, AND MENTAL STRESS



COST SAVINGS WITH FEWER WORK INJURIES AND WORK DISABILITY<sup>(1)</sup>

## ② Designed for Safety

MULTIPLE SAFEGUARDS:  
SOPHISTICATED FEATURES  
CONTROLLED BY THE  
SAFETYMONITOR®.



### SECURITY UNDER CONTROL

Using integrated bed sensors, the SafetyMonitor® provides continuous monitoring of the main features of all the beds in a ward. This can enable a faster reaction time and patient-oriented care.





30°/45°  
Autostop

i-Brake®

SafeStop®

54%

of falls in hospital are bed related<sup>(3)</sup>

## SIDERAIL CONCEPT

Reduced side space needed for siderails release.

- Smooth release by SoftDrop®.
- Minimum entrapment risk.
- Siderails down sensors.

## I-BRAKE®

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

## SAFESTOP®

Prevention of injuries due to entrapment and crushing by lowering the mattress platform.

## MULTIZONE BED EXIT

Supports fall prevention by monitoring the patient's motion activity and presence in the bed. Two modes are used to set up the monitoring depending on the risk level assessment.

## 30°/45° AUTOSTOP

The automatic backrest stop can help to set the bed in a comfortable position to improve patient's respiration.

## LOWEST HEIGHT

The lowest bed height can help to minimize the severity of injuries from falls.

# ③ Designed for Mobilization

NEW PROGRESSIVE FEATURES WORK IN SYMBIOSIS FOR EARLY PATIENT MOBILIZATION.

can reduce  
egress effort

by 50%<sup>(4)</sup>



ENHANCED  
RECOVERY IN A SAFE  
WAY



REDUCED PHYSICAL EFFORT FOR  
STAFF DURING MOBILIZATION



LOWER TREATMENT COSTS DUE TO SHORTER  
HOSPITALIZATION





## SYMBIOSIS OF 3 ELEMENTS

The Eleganza 5 offers patients 3 tools to help them exit the bed and get back on their feet. Mobilization can be personalized step-by-step to help patients gain self-confidence while reducing the physical strain on staff.

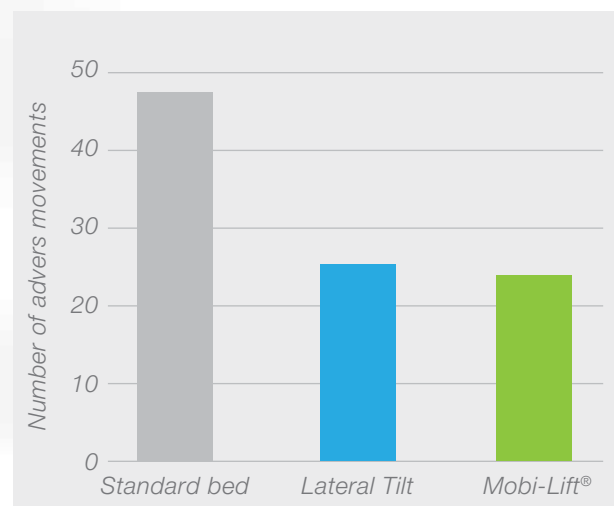
- 1 **Mobi-Lift®**  
UNIQUE! The patient controls the bed height using the Mobi-Lift® handle.
- 2 **MobiRails**  
Ergonomically shaped handles in the siderails.
- 3 **Lateral Tilt**  
The height setting and side tilt will assist with the patient's egress.



## STANDARD BED VERSUS MOBILIZATION FUNCTION

Tested in practice

The measurement of active mobilization using vibration belts ("a motion capture posture assessment harness") on a standard bed versus a bed equipped with Lateral Tilt and a Mobi-Lift® handle.<sup>(4)</sup>



*The number of adverse movements a patient needs to make when egressing a standard bed is more than 50% greater when compared with a bed equipped with Lateral Tilt and a Mobi-Lift® handle.*

# ④ Designed for Positioning

MULTI-SECTION FRAME DESIGN:  
IMPROVES NURSING EFFICIENCY AND  
ALLOWS GREATER PATIENT COMFORT.



## CARDIAC CHAIR POSITION

Provides relief during respiratory problems.

a nurse lifts

**1.8** tons  
during a typical  
8-hour shift<sup>(5)</sup>

## FOWLER POSITION WITH ERGOFRAME®

Ergoframe® enlarges the space under the pelvic area during auto-contour. The increased space reduces the applied force that can cause pressure injuries in the pelvic area. The Fowler position also helps to improve respiratory functions.





## TRENDELENBURG AND REVERSE TRENDELENBURG POSITION

The Trendelenburg position can be used to prevent air embolism during CVC placement.

The reverse Trendelenburg position can be recommended to help to decrease ICP and in case of confused patients.



## VASCULAR POSITION

keeps the legs at heart level.



## FULL VASCULAR POSITION

Full access for skin inspection & wound care in the heel area. Passive Leg Raise (PLR) is a clinical concept to simply and efficiently evaluate possible fluid requirements in a non invasive way.



# Designed for Communication

SMART TECHNOLOGY FOR A NEW WAY OF COMMUNICATION: iBoard and SafetyMonitor®.

Logical display of all information

Nurse close to the patient

Preselected functions and safety features

Intuitive and single-level controls

Display visible from all angles

Ergonomics – operating the bed and further equipment from one point

iBoard – **1 control** point for the staff



## SAFETYMONITOR®

SafetyMonitor® can improve patient risk management in hospital wards by monitoring LINET beds, patient presence in the bed and the bed's location.

- The Bed Exit Monitoring can help to prevent falls
- Real-time continuous information about beds
- Bed location
- Weight sensor for comfortable measurements
- Data integration to EMR



### CAN BE DISPLAYED ON:

- your PC
- your tablet
- your mobile phone



ERGONOMIC AND SIMPLE CONTROLS



SAFETYMONITOR® IMPROVES HOSPITAL PERSONNEL EFFICIENCY



# Eleganza 5





Provides  
Innovative  
Patient Care



# Designed for Nursing

*"Daily, 9,000 healthcare workers sustain a disabling injury while performing work-related tasks." Deborah Brown RN, BSN<sup>(6)</sup>*



i-Drive Power<sup>®</sup> = **LESS** physical effort





## i-DRIVE POWER®

An intelligent accelerator that optimizes the drive speed in different drive situations. This unique feature can avoid the risk of accidental activation or misuse. In principle, the bed cannot be driven without the user's hand on drive area designed as a driving handle.



## X-RAY

A transparent mattress platform and special bed construction allows lung X-rays to be taken without the need to physically handle the patient.



## SCALES

The integrated scales display the actual patient weight and record the selected weight values. The system allows items to be removed or added without affecting the weight data.

The bed is also available in a version without scales.

# Designed for Pressure Injury Prevention

## MATTRESSES TO MEET YOUR NEEDS

Selecting a suitable mattress can prevent pressure injury. The mattress can also significantly affect the patient's bed comfort.



### OPTICARE

An integrated Constant Low Pressure system with microclimate management and automatic foot extension.



### CLINICARE 100HF

This hybrid system combines the benefits of passive and active systems. It also offers microclimate management.



### VIRTUOSO

An active system with 3-cell technology that provides the benefits of "Zero Pressure" for maximum prevention along with regular application and removal of pressure.



### CLINICARE 30

Features GELTEX® inside, a unique and patented formula that ensures optimum pressure distribution as well as an exceptional level of breathability.



### CLINICARE 20

A highly conforming visco elastic memory foam support surface that maximizes the body contact area, support, and patient comfort.



90%  
of pressure injuries  
can be avoided<sup>(7)</sup>



## EVERYTHING YOU NEED FOR EASY REPOSITIONING

- 1 Suitable anti-decubitus mattress
- 2 Ergoframe®
- 3 Lateral Tilt

## USB CHARGER

The patient has a USB charger in the backrest for mobile phones and other devices.



## ELECTRIC EXTENDER

An automatic platform that adjusts to different patient heights for more comfort and prevention strategies regarding achilles tendon contractures.

# Technical Details

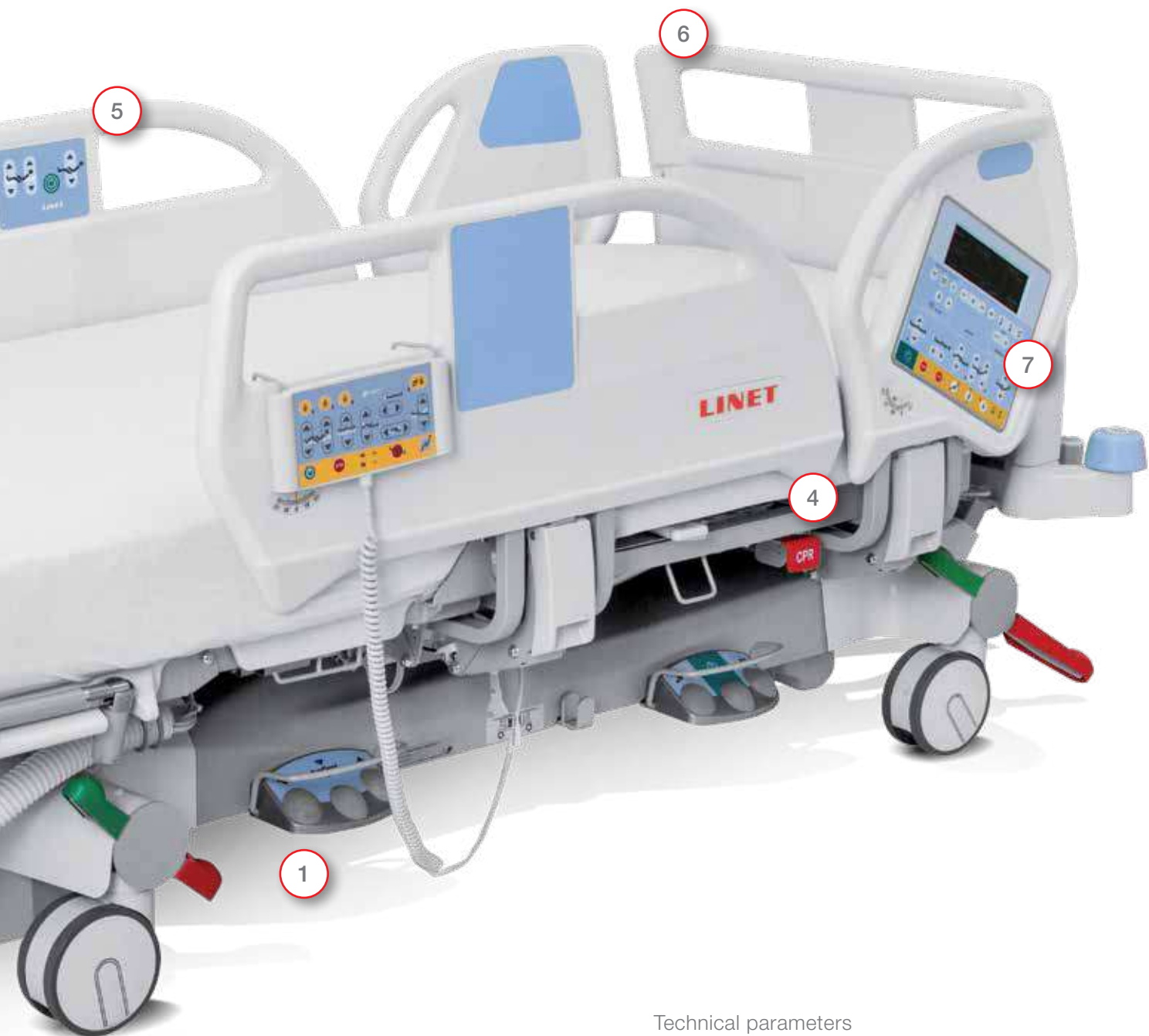
- 1 Foot Controls**  
Practical foot controls for the easy handling of patients.
- 2 Horizontal Corner Bumpers**  
Protect the bed.
- 3 Mobi-Lift®**  
Helps patient to control bed height during bed egress.
- 4 Mechanical CPR**  
Additional feature of electrical CPR for urgent use.
- 5 Integrated Patient Controls**  
With illuminated keyboards.
- 6 Bed Ends**  
Ergonomically shaped bed ends for easy transport.
- 7 iBoard Standard**  
Logical display of all information.



## Certificates

LINET is a company certified under international standards and quality systems: ISO 9001, ISO 13485, ISO 14001, MDSAP.

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	230 V 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	219×100 cm (shortest position)
	241×100 cm (longest position)
Mattress dimensions	208 × 90 cm
Max. siderails height	45 cm
Height adjustment	43.5–81.5 cm
Lateral tilt	±15°
TR/ATR tilt	14°/14°
Safe working load	250 kg
Maximum patient weight	185 kg

# LINET as a valid partner

## BEFORE YOU DECIDE ①

Your investment should be effective and respect your needs and options. Therefore we offer:

- A bed fund analysis and suitable bed configuration.
- Visualization, colour concept, bed design.
- Optimal funding solution.
- Bed and mattress rental service.
- Choice of suitable mattress, accessories and further equipment.



## IT STARTS WITH THE BED PURCHASE ②

We build long-term relationships and will help you to maximize profit from the bed purchase.

- Installation and training.
- Education for nurses.
- Quick service, regular maintenance.
- Superior guarantee service.

⑤

# 1,000,000

beds sold since 1952



## WHY CHOOSE A LINET BED ③

LINET Group SE, with production plants in Germany and the Czech Republic, exports beds to healthcare and nursing facilities worldwide. The group is one of the largest bed suppliers in Europe and ranks third in the US market. Besides high-quality equipment, LINET Group SE also guarantees follow-up customer care.

## EXPERIENCE SPEAKS FOR US ④



facebook.com/northwesternmedicine

Northwestern Memorial Healthcare,  
Chicago, USA  
499 Multicare LE beds, 2015



MOH Hospitals, Riyadh, Saudi Arabia  
823 Eleganza 2 beds,  
225 Eleganza Smart beds, 2015

# Eleganza 5

Patient

- Enhanced mobilization
- Improved safety
- Ensured patient well-being



- Improved work safety
- Saves valuable time
- Simple and easy to work with the bed



Staff

Management

- An extremely versatile acuity bed, fully intelligent and compatible
- Major process improvement for hospital
- Effective equipment management = cost saving bed



## Reference

- (1) Study Result from Southampton University Hospital Neurosciences Intensive Care Unit, 2019
- (2) [www.osha.gov/SLTC/healthcarefacilities/safepatienthandling.html](http://www.osha.gov/SLTC/healthcarefacilities/safepatienthandling.html)
- (3) Characteristics and Circumstances of Falls in a Hospital Setting. A Prospective Analysis Eileen B. Hitcho, MS, Melissa J. Krauss, MPH, Stanley Birge, MD, William Claiborne Dunagan, MD, Irene Fischer, MPH, Shirley Johnson, RN, MS, MBA, Patricia A. Nast, RN, Eileen Costantinou, MSN, RN, Victoria J. Fraser, MD Journal of General Internal Medicine, First published: 16 June 2004. <https://doi.org/10.1111/j.1525-1497.2004.30387.x>
- (4) CENTRE OF EXCELLENCE IN POSTURE, MOVEMENT & HANDLING; Postural risk reduction and the electric profiling bed; Birmingham City University. [www.degruyter.com/downloadpdf/j/pielxxiw.2016.15.issue-4/pielxxiw-2016-0040/pielxxiw-2016-0040.pdf](http://www.degruyter.com/downloadpdf/j/pielxxiw.2016.15.issue-4/pielxxiw-2016-0040/pielxxiw-2016-0040.pdf)
- (5) Nelson, A., Baptiste, A., Evidence-based practices for safe patient handling and movement. Online Journal of Issues in Nursing, 2004
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- (7) Shreve J, Van den Bos J, Grey T et al., 2010, The economic measurement of medical errors. Society of Actuaries. [www.soa.org/globalassets/assets/files/research/projects/research-econ-measurement.pdf](http://www.soa.org/globalassets/assets/files/research/projects/research-econ-measurement.pdf)



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