

# Eleganza 5



art of nursing

# ELEGANZA ⑤

③ Art of mobilization

② Art of safety

① Art of turning





④ Art of positioning

⑤ Art of communication



# ① Art of turning

## HANDLE YOUR PATIENT WITH GENTLE CARE AND SAVE YOUR BACK!

Innovative tilting technology with smooth columns helps to turn the patient gently with less physical effort.

- The nurse will carry out routine nursing procedures ergonomically and effortlessly.
- Improves pressure ulcer prevention – regular patient positioning is therefore easy.
- New technology: smooth bed tilting for even more sensitive care.



Tested in practice

*"Empirical measurement showed that the lateral tilt works and helps reduce the effort exerted when changing bedding on hospital beds by an average of 30%."*

LINET, CASRI certified procedure



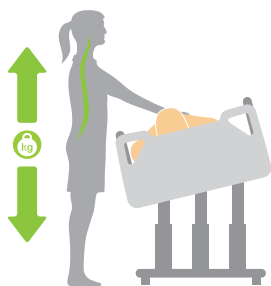
# \$ 7 billion

annual cost of back problems among nursing staff\*



## 15° LEFT, 15° RIGHT, DONE!

35,000 reported musculoskeletal injuries of nursing staff in the USA in 2013.\*  
The Eleganza 5 brings change!



The 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

The 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 without any effort whatsoever.



LESS SKIN DAMAGE AND ROUGH HANDLING



MINIMUM PHYSICAL EFFORT, BACK INJURIES AND MENTAL STRESS



FEWER WORK INJURIES AND WORK DISABILITY = COST SAVING

## ② Art of safety

MULTIPLE SAFETY:  
SOPHISTICATED SAFETY  
FEATURES CONTROLLED  
BY THE MONITORING  
SYSTEM.



### SAFETY UNDER CONTROL

The BedMonitor system continuously monitors the main safety features of all beds in the department. Staff monitor the information on the display device (PC, tablet or mobile phone).







## SIDERAILS CONCEPT

Reduced side space needed for siderails release.

- Smooth release by Soft Drop.
- Minimum entrapment risk.
- Siderails down sensors.

## I-BRAKE

The automatic brake prevents falls caused by the unstable bed, especially during bed exit.

## SAFESTOP®

Prevention of injuries due to crushing by the lowered mattress platform.

## MULTIZONE BED EXIT ALARM

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 DEGREE AUTOSTOP

The automatic backrest stop at 30 degrees helps to improve respiration.

## LOWEST HEIGHT

The lowest bed height helps to minimize the severity of fall consequences.

# ③ Art of mobilization

NEW PROGRESSIVE FEATURES WORK IN SYMBIOSIS  
FOR EARLY PATIENT MOBILIZATION.

reduces  
bed exit effort  
by 50%



QUICKER RECOVERY  
IN A SAFE WAY



REDUCED PHYSICAL EFFORT FOR  
STAFF DURING MOBILIZATION



LOWER TREATMENT COSTS DUE TO SHORTER  
HOSPITALIZATION





## SYMBIOSIS OF 3 ELEMENTS

When exiting the bed the patient has 3 big aids to put him back on his feet. Mobilization can begin soon so the patient can gain in self-confidence. This also removes the physical strain on staff.

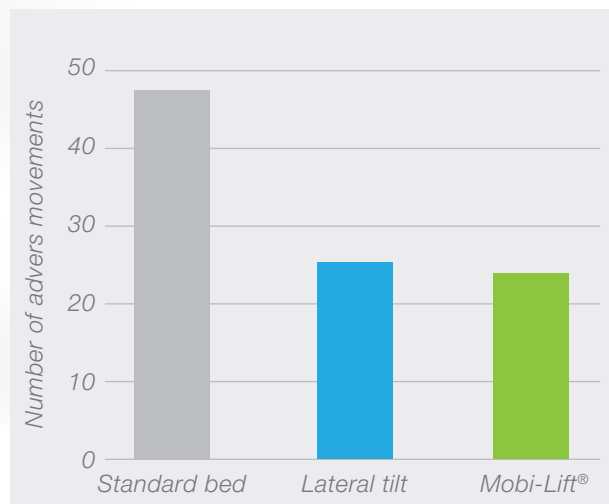
- 1 **Mobi-Lift®**  
UNIQUE! The patient controls the bed height using the Mobi-Lift® handle.
- 2 **MobiRails**  
Ergonomically shaped handles in the siderails.
- 3 **Lateral Tilt**  
The height setting and side tilt will assist the patient's bed exit.



## 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 and on a bed equipped with the lateral tilt or Mobi-Lift® handle\*.



*The number of adverse movements a patient needs to make when standing up on a standard bed is more than 50% greater when compared with a bed equipped with a lateral tilt or Mobi-Lift® handle.*

# ④ Art of positioning

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



## CARDIAC CHAIR POSITION

Provides relief during respiratory problems and is very pleasant for the patient when reading, eating or watching television.

a nurse lifts

**1.8** tons  
during a typical  
8-hour shift\*

## FOWLER POSITION 30/30 WITH ERGOFRAME®

Equal pressure distribution for skin damage prevention. Minimized friction and shear effect during thighrest and backrest elevation. Less pressure load on the tissue due to the extended pelvic area space.





## TILTTABLE POSITION

Improves the patient's breathing and maintains arterial blood pressure at a more stable range.



## VASCULAR POSITION

A position with legs at heart level: optimized venous return and positive impact on swelling (oedema) reduction. Help in back ache relief.



## FULL VASCULAR POSITION

Full access for skin inspection & wound care in the heel area.

Passive Leg Raise (PLR) – a clinical technique only used when ordered by a physician to assess fluid status without the use of a central line.



# ⑤ Art of communication

SMART TECHNOLOGY AND BED CONNECTIVITY  
FOR A NEW WAY OF COMMUNICATION.





## BEDMONITOR SYSTEM

Using sensors built into the bed, the system monitors the settings of the safety parameters.

- Allows long-term monitoring of the bed settings and adjustment to the individual needs of patients.
- The relevant information can be assessed and the effectiveness increased.
- An effective risk management tool in departments.

## CONNECTIVITY

Using the integration module the bed sends the necessary data to the hospital information system. Wifi or LAN connection.

- Safety parameters (bed settings)
- Technical information (component status and history)
- Monitoring of bed function use (effectiveness)

## iBED DIAGNOSTICS

### Service

- Easy detection of the defects
- Sends data to LINET service
- Stores data from bed

### Future evolution

- Fast routine maintenance
- Routine maintenance check lists
- Spare parts on-line



ERGONOMIC AND SIMPLE CONTROLS



HIGH TECHNOLOGICAL LEVEL, EFFECTIVE MANAGEMENT EQUIPMENT, COST SAVING



# Eleganza 5







Innovation with  
human touch



# Art of nursing

*"Daily, 9,000 healthcare workers sustain a disabling injury while performing work-related tasks." Deborah Brown RN, BSN\**



i-Drive Power = ZERO effort



## i-DRIVE POWER

The intelligent accelerator optimizes the drive speed in different drive situations.

### Safety Sense Control

This unique feature avoids the risk of accidental activation or misuse. In principle, the bed cannot be driven without the user's hand on the Safety Sense drive area designed also as a driving handle.



## X-RAY

Thanks to the X-ray transparent mattress platform and special bed construction, lung X-rays can be taken without any need for physical handling of the patient. Lateral insertion of the cassette facilitates an optimum approach.



## 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.



# Art of comfort

## MATTRESS TO MEET YOUR NEEDS

Selecting a suitable mattress can prevent pressure ulcers or treat them effectively. The mattress can also significantly affect the patient's bed comfort.



### OPTICARE

An integrated low air loss system with an automatic pressure setting, automatic foot extension and bottoming out detection.



### CLINICARE 100HF

This reactive mattress combines the benefits of passive and active systems. It also offers microclimate management.



### VIRTUOSO

The active mattress works on the principle of zero pressure alternation in air cells. It is fully compatible with the bed.



### CLINICARE 30

The thermoelastic foam mattress offers high reclining comfort. The Clima™ increases the anti-decubitus effect.



### CLINICARE 20

The top of the passive mattress surface is sculpted for air circulation and better pressure distribution.



90%  
of pressure ulcers  
can be avoided\*



## EASY REPOSITIONING

All you need you have:

- 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 easily adjustable platform length for all patient categories. Provides enhanced patient well-being and possible help in the treatment of achilles tendon contracture.

# Practical 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.
- 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.

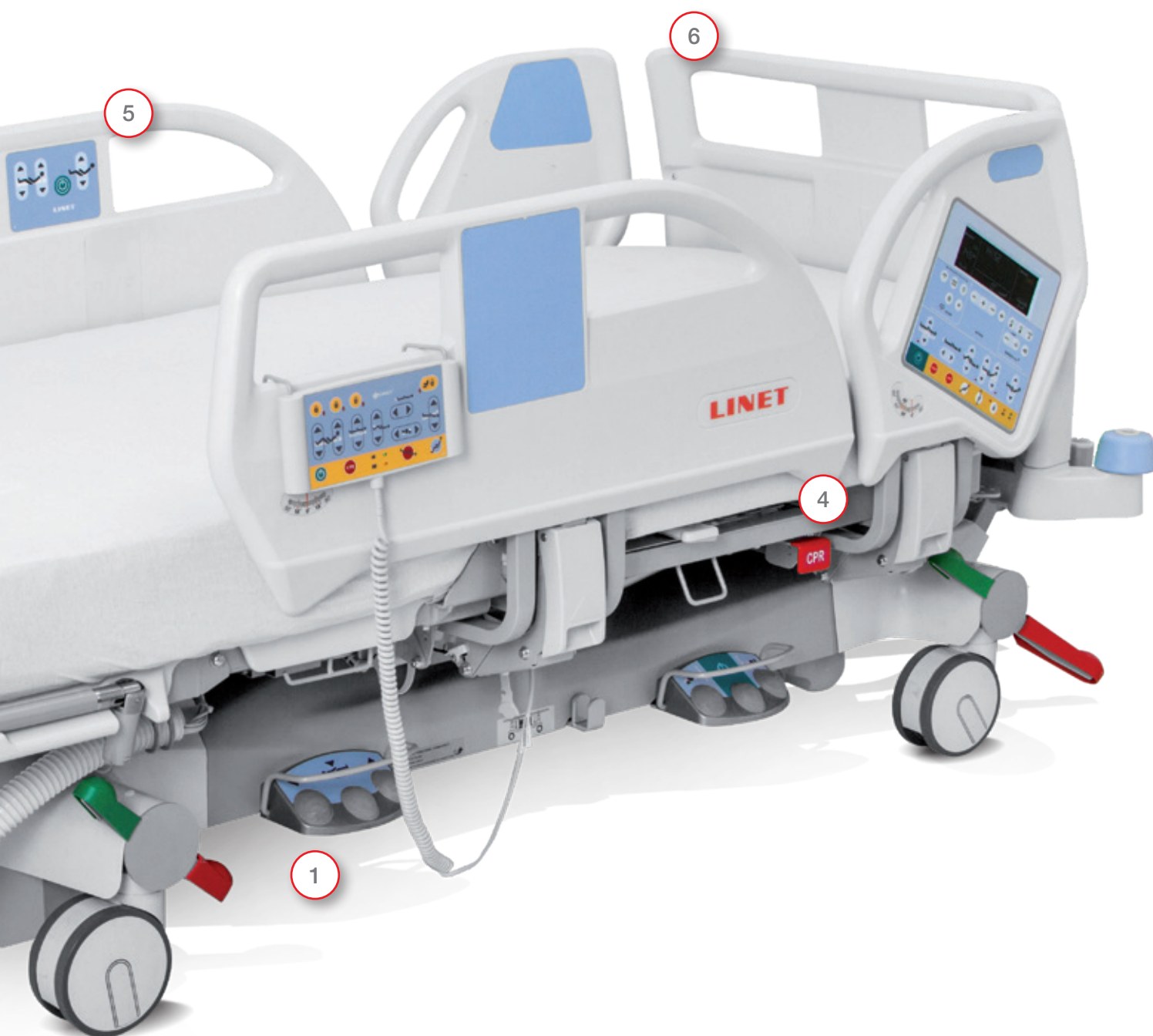


## Certificates

LINET is a company certified under European standards and quality systems: EN ISO 9001:2000, EN ISO 13485:2003.

Products are manufactured in accordance with the European standards for medical technology and hospital beds:  
EN 60601-1, EN 60601-1-2, EN 60601-1-4, EN 60601-2-52, EN ISO 14971, 93/42/EEC, 90/384/EEC.





#### 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

# Art of LINET

## 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, design bed.
- 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 biggest bed suppliers in Europe and ranks third in the US market. As well as bed quality, 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

- Quick and safe mobilization
- Maximum safety
- Ensures patient well-being



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



Staff

Management

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



Members of LINET Group

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