



Image 3

Universal bed with low height and excellent design







Image 3, electrically adjustable bed respects the growing demands of the patient and nursing staff. Its attractive design will find universal use in a whole spectrum of hospital care. Image 3 deals with the patient's safety and mobilisation in a unique way: combining the SafeFree® siderails and reduced low height.

Fall Prevention

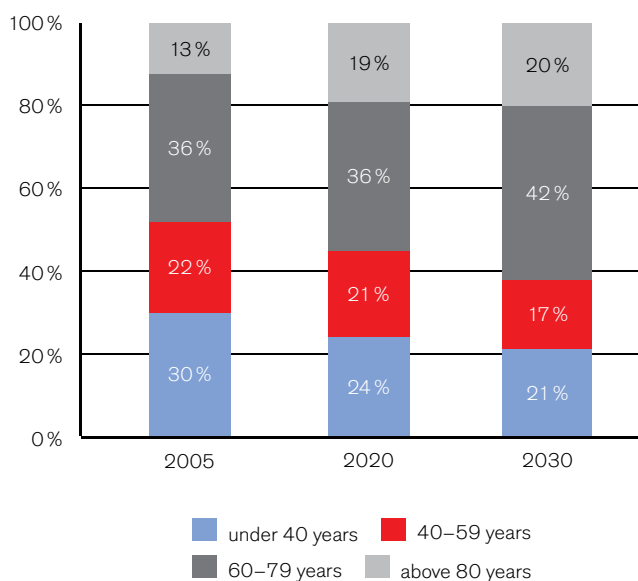
IMAGE 3 | was designed with focusing on 100% safe recovery of patient in the bed. Safety is the key characteristics of Image 3. Reduced height combined with telescopic SafeFree® siderails create absolutely safe environment for the patient, that can be adjusted according to their specific needs.

REDUCED HEIGHT OF 28 CM

Image 3 can be adjusted to reduced height of mattress platform just 28cm above floor and significantly reduces the risk of fall from bed, especially at night.

- Reduced height protects patient from injuries
- Combination with falling mattress reduces the risk of injury even more
- Image 3 offers safe environment for patients with high risk of fall
- Reduced height of 28cm reachable with 12.5cm castors

AGE-RELATED FALLS IN HOSPITALS



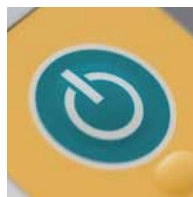
Source: Zlomy nemocničního prostředí, Statistický spolkový úřad Německo, 2008, page 29

SAFETY TO THE DETAIL



NIGHT LIGHT

Bed can be equipped with night light for improved orientation of the patient. Night light is next step for patient's enhanced feeling of safety, comfort and quicker recovery.



GO BUTTON

GO Button is safety unique feature, that deactivates control elements automatically after 3 minutes without any electrical adjustment. It prevents unintentional movement with the bed.



BREAK ALARM

Break alarm automatically indicates unbraked bed and informs hospital staff about possible danger. This prevents the patient from falling caused by leaning against an unbraked bed when exiting or lying on the bed.



TÜV CERTIFIED

The safety of the bed has been acknowledged by TÜV, a most prestigious independent German company. Both single and long-term severe tests confirmed the absolute safety and quality of the Image 3 bed and issued a certificate of the bed's compliance with the norm IEC 60601-2-52:2010.



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SafeFree® Siderails

SIDERALS FOR INDIVIDUAL NEEDS

Split telescopic SafeFree® siderails deals with patient's safety and the individual needs in a unique way. It provides maximum protection without restrictions.

- Split SafeFree® siderails can be adjusted to the 4 different height levels and perfectly fits to specific request on patient's treatment. Variability has multiple ways of use – SafeFree® siderails provide feeling of safety to the patient, protect him, help when standing up and not restraining him at the same time.
- Maximum height of SafeFree® siderails of 40cm perfectly protect patients while using high active air mattresses up to 18cm height. Active mattress Precioso is recommended to be used.

- Full length SafeFree siderails provides 100% safety. None additional accessories in between or at foot end are requested. There aren't any dangerous gaps or pinch points among siderails and bed ends.
- SafeFree® siderails are telescopic and don't request any additional space beside the bed and it can be used also in narrow places. It allows to use bedside cabinet closely to the bed.
- Smart details: integrated mobilisation handle for better standing up, double locking mechanism and simple height adjustment of SafeFree® siderails.





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3-Stop Strategy

IMAGE 3 | provides a complex system of supportive automatic features called 3-STOP STRATEGY. It contains functions for safe sleeping, independent mobilisation for quicker recovery, convenient care and cleaning procedures for hospital staff.



SLEEPING POSITION

- height of 28cm
- 1-button function on Supervisor panel
- bed is in the lowest position, patient is protected against the fall
- variable SafeFree® siderail setting adjusted to patient needs
- double step locking mechanism protects against unintentional release
- full length protection of SafeFree® siderail



MOBILISATION POSITION

- height of 42cm
- 1-button function on Supervisor panel
- bed automatically indicates mobilisation level when hi-low positioning and stops
- raises back rest for sitting support
- telescopic SafeFree® siderails is natural support and gives higher confidence
- optimum height for transfer to standing position or to chair



EXAMINATION POSITION

- height of 80cm
- 1-button function on Supervisor panel
- automatic flat profiling of the ErgoFrame® mattress platform
- contributes to reduce low back injuries of health care professionals
- supports ergonomic care



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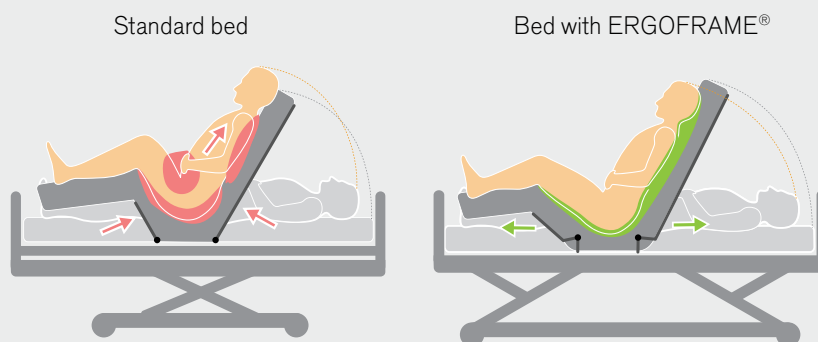
Pressure ulcers prevention...

IMAGE 3 | electrically adjustable bed contains extended features which prevent pressure ulcers and contribute to their easier treatment. Mattress platform profiling called Ergoframe® provides needed comfort for patient. Integral part of the antidecubitus measure on the bed is also the range of active mattresses developed and manufactured by LINET.



EFFECTS OF ERGOFRAME® POSITIONING

- Reducing pressure in the pelvic and sacral area when positioning the bed
- Maintaining good lung ventilation
- Reducing the risk of pressure ulcers in the area of the pelvis and shoulder blades
- Patient comfort in all positions, including the sitting position
- Prevention of complications arising from pressure on the internal organs in the abdominal cavity
- Ensuring constant head support



...and therapy systems

Active mattresses also play an important role in prevention and treatment of pressure ulcers. LINET offers its own range of active mattresses with the zero pressure concept. The mattress is designed for high risk patients with reduced mobility.



4 WORKING MODES – OPTIMISING CARE

ALTERNATING PRESSURE THERAPY is the basic therapeutic mode simulating the natural movement of a patient and thereby helping prevent and treat pressure ulcers.

MAX INFLATE presents firm and stable support for patient care. After 30 minutes it automatically switches to the alternating mode to prevent the risk of pressure ulcers.

CONSTANT LOW PRESURE automatically maintains the selected pressure regardless of changes in the patient's weight distribution or position to achieve constant good levels of pressure redistribution.

TRANSPORT MODE facilitates the transport of the patient in the bed as the mattress remains inflated for 24 hours when disconnected from the SCU.

3 CELL SYSTEM WITH ZERO PRESSURE

The new 3 cell concept completely removes the effects of pressure. It works on the principle of alternating pressure in individual air cells. The pressure falls to zero in one of the three neighbouring cells in a 7.5 minute cycle. The entire cycle is repeated constantly, 24 hours a day.

7.5 MINUTE CYCLE

Exton-Smith and Sherwin studied number of movements in healthy subjects while sleeping in order to find out what is the natural body behavior. They found out that none of the patients who moved more than 56 times during the night developed tissue damage. This frequency is equivalent to about one movement each 7.5 minutes.

Everyday routine is gone

IMAGE 3 | bed is designed with emphasis to maximally ease everyday activities such as nursing procedures, transfers and other routine tasks. Ergonomics, intuitive controls, smooth manipulation with bed and easy cleaning bring relief to hospital staff.



IMAGE 3 – USEFUL HELP

- Telescopic linen holder that can be used also as a storage for Supervisor panel
- 3D design bumpers protects from collisions, both horizontal and vertical
- Foldable mattress retainers for different mattresses
- CPR handle for mechanical release of back rest is easy to reach



SIMPLE CLEANING PROCEDURE

- Easy removable and light mattress platform plates enable perfect all around cleaning even outside the bed.
- Practical construction with numerous flat surfaces without gaps speeds up the disinfection procedure.
- Bed can be adjusted to cleaning position very easily with using Examination position. It saves time and all parts are easy accessible.
- Cable management system was designed with focus on easy cleaning. Moreover, special holder for drainage tubes between the siderails enhances hygiene procedures.



ERGONOMY AND INTUITIVE CONTROLS

- Examination position at height of 80cm significantly reduces number of activities in bended position and contributes to lesser low back strain of hospital staff.
- Preprogrammed functions spare nurse's time and enable to fully concentrate on key nursing care procedures.
- Controls of the bed are very clear and easy understandable. There are simple symbols on the Supervisor panel that make the control of the bed very intuitive and easy to remember.
- Ergonomic double castors facilitate manipulation of the Image 3 bed even in narrow spaces.





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Design...

IMAGE 3 | is elegant and its simple design with clear lines impresses pleasant, home looking atmosphere. Though it is very functional, brings ergonomics and user-friendly handling.

DESIGN ON DEMAND

- Combination of elegant aluminium with wooden decors creates a modern but still calming desing.
- Bed was designed by one of the prior Czech designers Jiří Španihel.
- Design of the bed is timeless and it can be used in wide range of facilities – acute and nursing care.
- Colour concept offers high variability: steel or plastic parts in silver and dark grey, bed ends and SafeFree® siderails with decors on demand. Customer will get its own individual model by choosing colours and equipment.
- Bed ends and SafeFree® siderails construction is created by 32mm aluminium profiles to be compatible with various accessories and devices.

FUNCTIONALITY AND ERGONOMY

- Image 3 fully respects ergonomical principles in health care. Functions reflect the needs of hospital staff and requests on enhanced safety of the patients. Image 3 has intuitive controls and easy maneuverability.





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...but universal

IMAGE 3 | can be easily used in any hospital area of care. Thanks to the functions and its timeless design it can be implemented to the nursing care as well. Numerous options of equipment and accessories will adjust to the specific needs of its owner.

DIFFERENT BED

Image 3 bed is available also with plastic bed ends in various colour concept and single collapsible siderails.

Usefull functions of single collapsible siderails:

- Easy manipulation with single hand is more effective
- Double step locking mechanism protects from unintentional release
- Maximum height of 39cm allows to use mattresses up to 17cm of height

IMAGE 3 ACCORDING YOUR NEEDS

- Robust and solid scissors construction allows low height and also easy disinfection
- Ready for overweight patients – safe working load of 250 kg
- Double Tente Linea castors of 12.5 or 15cm diameter
- 4-sectional mattress platform with Ergoframe® profiling
- 8 removable mattress platform parts for easy cleaning
- 3 step bed extension up to 32cm
- Mattress width variability (86–90cm)



SINGLE COLLAPSIBLE SIDERAILS

Easy manipulation with single hand is more ergonomic. Double step locking mechanism protects from unintentional release.



Highest level of safety

- Full compliance with EN 60601-2-52
- TÜV certification
- above standard of safety Safe plus Concept

PROTECTOR

Safe Plus Concept

EXTENDER

Safe Plus Concept

BRAKE-ALARM

Safe Plus Concept

BRAKE ALARM



BRAKE-ALARM

Safe Plus Concept

Break alarm informs about unbraked bed and contributes to reduce falls.

EXTENDER



EXTENDER

Safe Plus Concept

Extender offers extra 10cm height of siderails. Together with protector creates a perfect solution for patients with high risk of fall or for those, who use active mattresses for enhanced pressure sores care.

PROTECTOR



PROTECTOR

Safe Plus Concept

Protector, located at foot end, adds the 100% covering of the mattress platform. The use of protector is recommended for clients who are diagnosed as confused or at risk of a fall.

Bed specifications

[01] SAFEFREE® SIDERAILS

SafeFree® siderails offer outstanding protection with multiple height setting possibilities.

[02] MOBILISATION HANDLE

Mobilisation handle provides needed support for better independence.

[03] ERGOFRAME® MATTRESS PLATFORM

Ergoframe® mattress platform gives a comfort and contributes to pressure ulcer treatment.

[04] MATTRESS PLATFORM COVERS

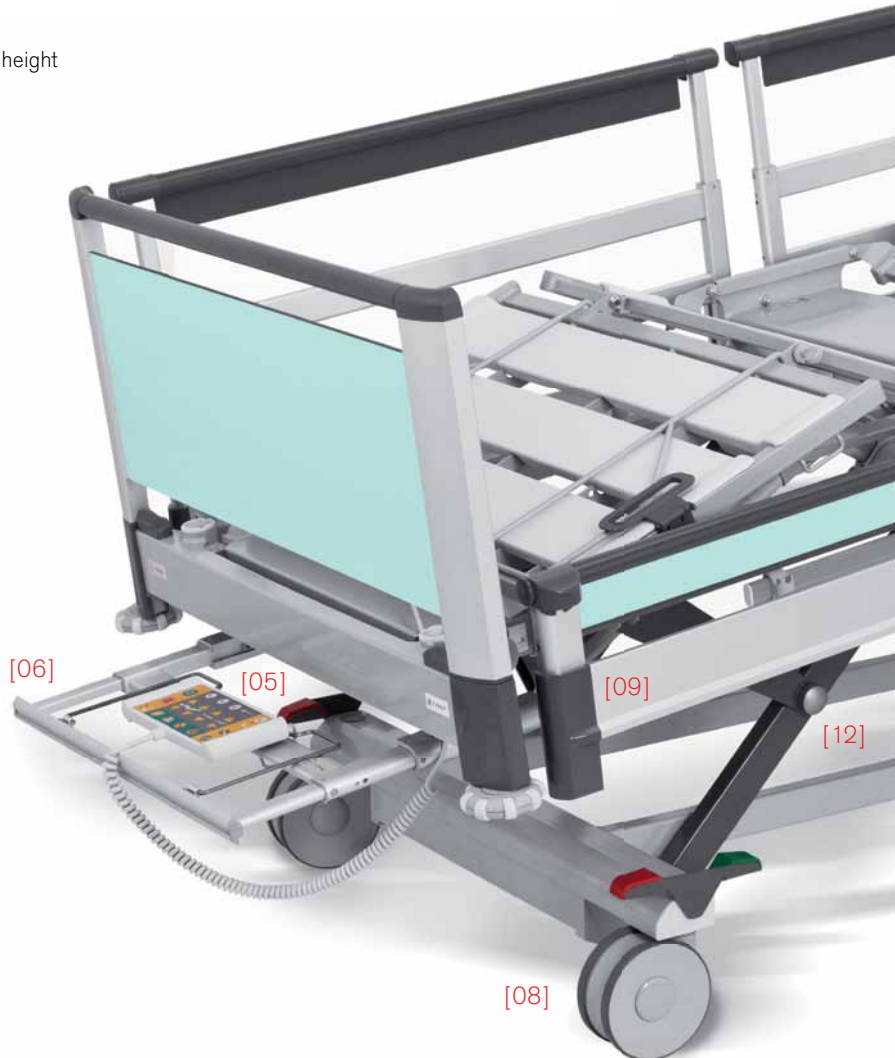
Removable mattress platform covers facilitate cleaning of the bed easier.

[05] SUPERVISOR PANEL

All functions of bed are available on the Supervisor panel. It can be also storage in linen holder.

[06] LINEN HOLDER

Linen holder helps with daily activities and enhances hygiene procedures – such as making the bed.



COLOURS AND DECORS

The Image 3 bed design meets the latest aesthetic trends in healthcare. The colour versions of the bed ends are highly variable and fully blend in with the surroundings.

The Image 3 bed is also available in a wide range of wood effects which would be well suited to any interior.



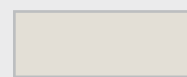
Oslo blue



Kiwi



Aquamarine



Pearl white



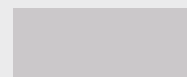
Nectarine



Grapefruit



White



Dolphin grey



White maple



Natural beech



Fruiter ambre



Zebra Moka



[07] FOLDABLE MATTRESS RETAINERS
Foldable mattress retainers offer to adjust both 86cm or 90cm wide mattresses.

[08] CASTORS
Tente Linea design castors provide easy manipulation of the bed.

[09] BED EXTENSION
Exceptional bed extension up to 32cm helps to adjust tall patients.

[10] BED END LOCKS
Bed end locks protect against unintentional withdrawing of the bed ends.

[11] DRAINAGE TUBES HOLDER
Drainage tubes holder contributes to easier hygiene and tubes management.

[12] SCISSORS CONSTRUCTION
Special scissors construction of lifting mechanism offers low height of 28cm and high SWL.

TECHNICAL PARAMETERS

External dimension	104×220cm
Mattress dimension	200×86/90cm
Clearance height	13/15.5cm
Mattress platform height adjustment	28–80/30–82cm
Bed extension	10, 22, 32cm
Height of siderails	40cm (split siderails); 39cm (single collapsible siderails)
Maximum mattress height	18cm (split siderails); 17cm (single collapsible siderails)
Safe working load	250 kg
Weight of bed	145 kg according to accessories
Backrest angle	0–70°
Thigh rest angle	0–34°
TR/ATR angle	0–14°

ELECTRICAL PARAMETERS

Power supply	230V/±10%
Maximum input	max 1.6 A, 370 VA
Water and dust protection level	IPX4

CERTIFICATES

Linet is a company certified under European norms and quality systems:
EN ISO 9001, EN ISO 13485,
EN ISO 14001

The products are produced under European norms for medical technology and hospital beds:
EN 60601-1 ed.3; EN 60601-1-2 ed.3;
EN 60601-1-6; EN 60601-2-52

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