



Latera Acute

hospital bed with a lateral tilt

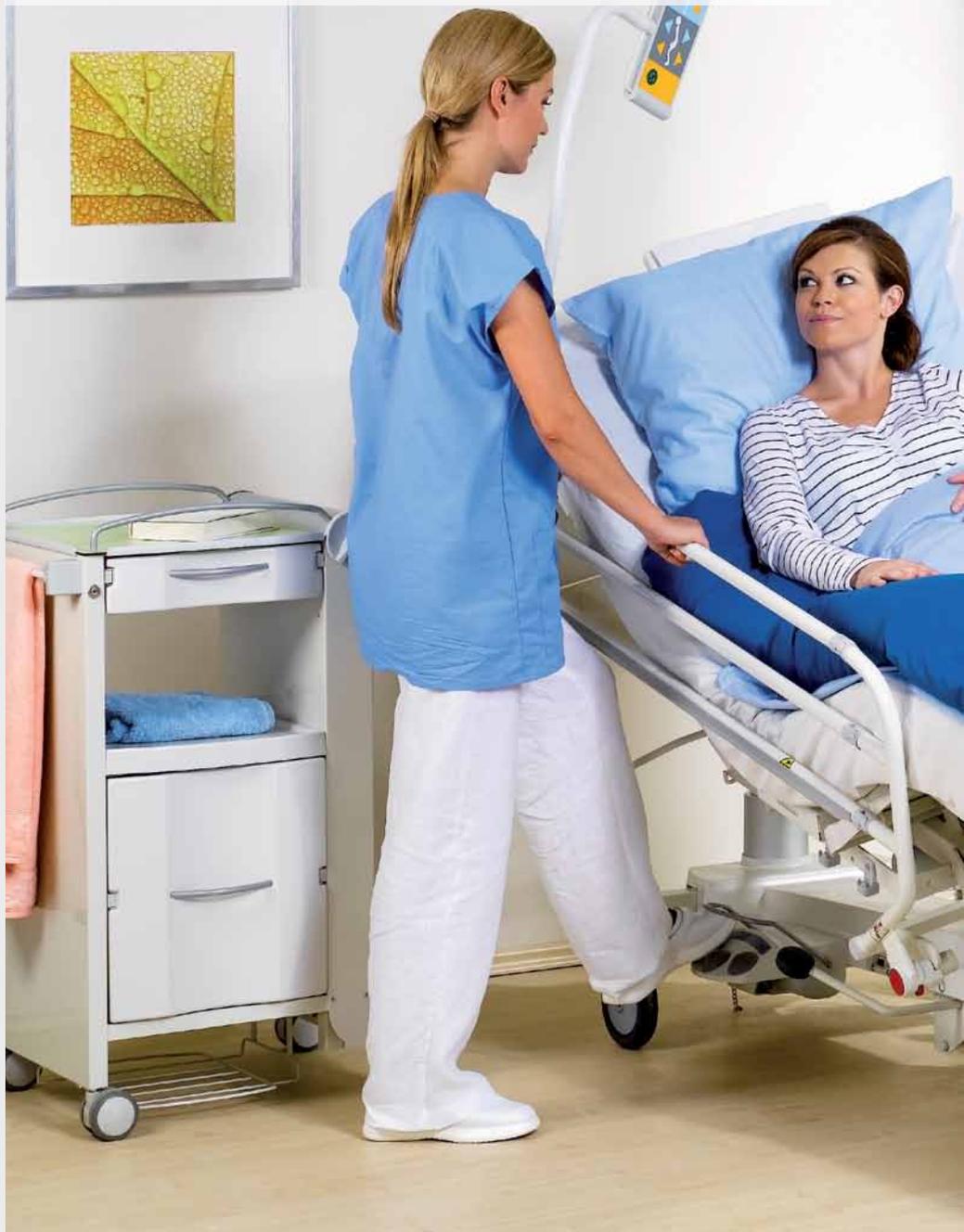


Latera Acute – a full force in nursing-care

Positioning to prevent pressure-sores, making the bed, patient hygiene and skincare, change of incontinence pads, post-operative drains – all these procedures require the patient to be placed in a lateral position. However turning a patient into a lateral position in the traditional way means applying considerable physical exertion associated with the risk of injury with possible permanent consequences. Therefore Linet has developed the Latera Acute electrically adjustable bed with a lateral tilt which makes it possible to turn the patient with as little physical exertion as possible.

LATERAL TILT

- Reduces the physical strain on nurses when handling a patient.
- Eliminates the risk of occupational strain and physical disability.
- Saves time required for routine nursing activities.
- Makes prevention of pressure-sores more effective.
- Helps prevent complications in patients with lymphoedemas and facilitates post-operative drains.
- Helps prevent some negative signs of the immobilisation syndrome.
- Helps increase the quality of the life of long-term or permanently immobile patients.





LATERA

SAVING EXERTION – USE UP 10× LESS EXERTION

The exertion required for turning the patient on the Latera Acute bed is 10 times lower in comparison with a standard bed.

SAVE 20% OF TIME

The time required, for example, for changing the Latera Acute bed is reduced by up to 20% in comparison with the standard bed. It will only require one instead of two nurses to handle the patient and make the bed as opposed to performing the same work on a standard bed. This will save significant time and work capacity.

30% SAVING ON ENERGY

The energy exerted when turning the patient on the side and performing nursing activities is 30% lower in comparison with a standard bed.



Lateral tilt in nursing services

All the benefits of the lateral tilt of the Latera Acute for daily nursing work are subject to two basic preconditions:

- The adjustment of the lateral tilt of the Latera Acute bed is safe for patients
- Is easy and reliable for nursing work

SIMPLE AND RELIABLE CONTROL

Hospital staff positions the electrical bed with the aid of controls appropriately located on various parts of the bed.

SAFETY GO BUTTON

The safety GO button concept protects the patient against injury arising from any spontaneous movement of the bed. The GO button activates the bed controls for 3 minutes. 3 minutes after the button is pressed, the controls automatically deactivate so they only work the moment the bed is positioned intentionally. On the contrary, in unguarded moments the controls are inactive and the bed's actuators cannot be spontaneously activated.



SUPERVISOR CONTROL PANEL

The Supervisor nurse control with its ergonomic shape and clear panel graphics is user-friendly.



PATIENT SATELLITE

Symbols for controlling individual functions are large and clearly visible. The buttons are distinguished by various colours with embossed symbols.



MANUAL CONTROL

A practical control for the patient and nurse contains controls for the bed's basic positions, including a backrest tilt and adjustment of the mattress platform height.



LATERAL TILT FOOT CONTROL

Foot controls are located on the bed undercarriage on both sides enabling practical and easy touch-free adjustment of the lateral tilt.



SAFE LATERAL TILT

The three-column bed construction, which enables the lateral tilt, also provides the bed with high stability and rigidity. It also provides a basis for the bed's easy hygiene and mature modern design.

The single siderails provide patient protection and also lateral position stabilisation. Pillows or special protective aids (mats) protect the patient against pressure-sores and getting trapped in the siderails.

PROCEDURE FOR MAKING THE BED WITH A LATERAL TILT

Bed-making is one of the ways of how to effectively use the lateral tilt.



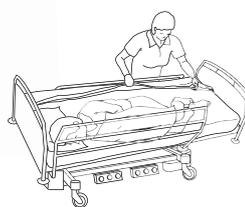
1. The nurse may adjust the bed to the most appropriate height and does not have to work bent over.



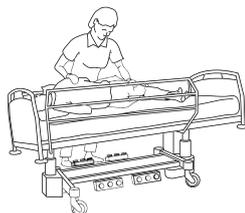
2. The nurse with the aid of the foot control will tilt the bed laterally. The bed has a raised siderail on the nurse's side and there is a pillow that the patient may comfortably lean against.



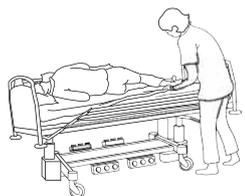
3. The lateral tilt takes over a substantial part of the work required to turn the patient on his side. The nurse exerts less than ten times as much effort. Therefore heavier patients can be turned.



4. The patient's position is stable and the nurse can fully devote her time to changing the bedding on the other side of the bed.



5. With the foot control the nurse can adjust the bed to the horizontal position, place the patient on his back, place the other siderail in an erect position and place a pillow against it for the patient.



6. The patient is turned on the other side with the aid of the lateral tilt and the nurse can finish changing the other side of the bed.



FOOT CONTROL

The height and examination position foot control is equipped with a mechanical protector against accidental activation.

Clever features for patient and nurse

The Latera Acute bed offers a lateral tilt apart from further above standard features which help nurses to care for patients and also ensure higher safety even for the patients themselves.

I-BRAKE: FALL PREVENTION

The I-Brake is an intelligent bed braking system which automatically activates the bed brakes after it is connected to the mains. The bed brakes are activated 1 minute after the bed is connected to the electric mains.

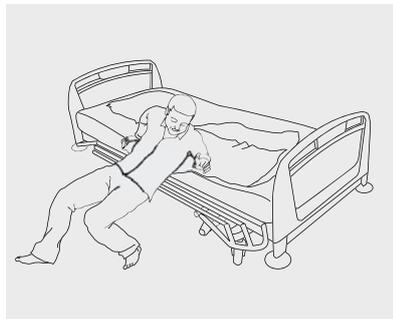
In case that the staff releases the brakes mechanically, for example to clean the room, or handle the bed otherwise, the brakes are activated three minutes after deactivation. The selected time interval is sufficient for the comfortable handling and safety of the patient.

The I-Brake prevents the patient from falling off the bed because the bed brakes have not been locked and also provides simple control over the bed by the medical staff.

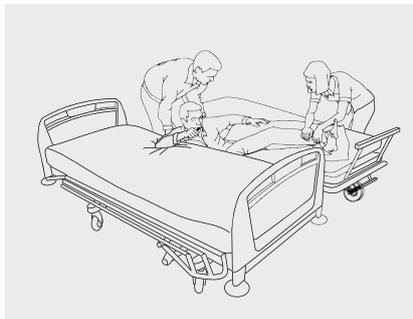
Irrespective of the I-Brake system with which the bed is equipped it is possible to lock the brakes manually with the aid of the central castor control which is still available.



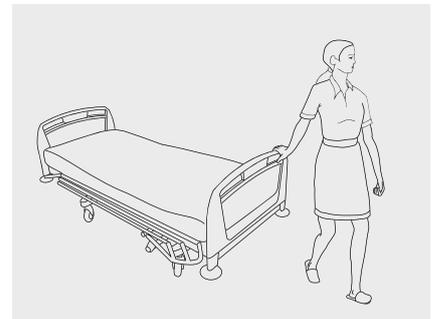
DANGEROUS SITUATIONS



If the patient gets up or sits on the bed, the unlocked brakes may be the cause of the patient's loss of stability and fall.



When moving the patient from the bed to the transport wheelchair or the stretcher the patient may fall in case the bed brakes are unlocked.



Medical staff may easily forget to lock the castor brakes after moving the bed.



The protective corner bumpers serve as protection during travel. It absorbs any knocks so that travelling with the patient is safer and kinder to the bed and the surrounding interior.



The plastic ends are adapted for handling the bed. The ends are appropriately shaped to act as handles for grasping the bed during transport.



Thanks to the safety locks at the bed ends means that the ends will not come out of their boxes even if the bed stops suddenly or slows down while it is mobile.



PREVENTION OF NOSOCOMIAL INFECTIONS

Apart from the patient's other ailments nosocomial infection also means increased treatment costs. These treatment complications can be substantially prevented by the thorough and easy decontamination of the hospital bed.

The basis for the easy and quality hygiene of the Lat-era Acute beds consists of a column lifting unit. The columns are smooth aluminium profiles without difficult to clean gaps and joints.

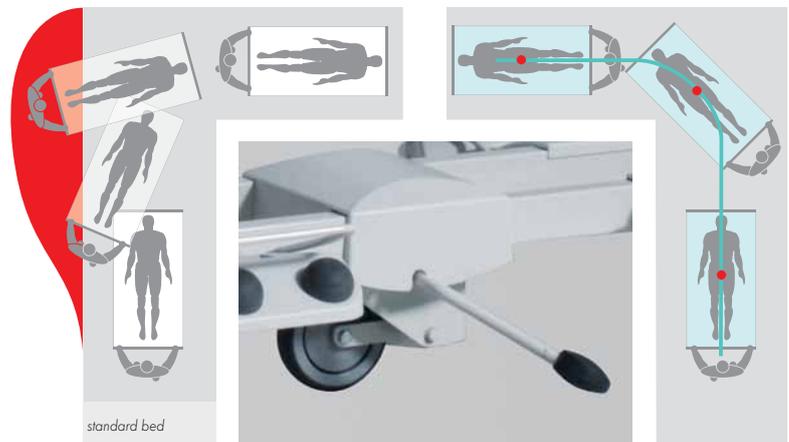
The bed's easy hygiene concept is also based on joint-free technology of plastics consisting of considerable bed space exposed to infectious dirt.



EASY HANDLING OF THE BED

Easy handling of the bed during transport of a patient contributes to reducing the work load of nurses and other medical staff. The central 5th castor significantly improves the bed's transport features. In places with inadequate space (turns, rooms) the 5th castor can be used to manoeuvre the bed virtually in one spot without needing to overtake and move backwards. On the contrary, the 5th castor can be used on long corridors without swerving the bed – it keeps to a good straight direction.

Manoeuvring with a bed equipped with a 5th castor is not complicated even when only one person steers the bed.



Configuration and technical parameters

BASIC EQUIPMENT

- Fully electrical bed with a column construction
- Safety work load 200 kg
- 4-section ABS plastic mattress platform
- Single collapsible siderails
- Autoregression 11 cm
- Mechanical CPR for unblocking the backrest
- Removable plastic end with coloured panel and safety lock
- Extension and shortening of the bed
- Patient's handset
- Supervisor nurse's control, 4-position memory
- Safety control with GO button
- Autocontour
- Backup battery with intelligent charger and diagnostic service-life
- Linen shelf with Supervisor nurse's control panel holder
- Tente Concept castors, 150 mm central brake
- Protective corner bumpers
- Plastic undercarriage covers
- 2 boxes for lifting pole or infusion stand
- Transport mains cable holder
- Segufix fixing belt holders
- Mattress holders

OPTIONAL FEATURES

- Plastic or coated ends
- 5th castor
- I-Brake
- Foot controls
- Safety night lighting
- Patient's satellite

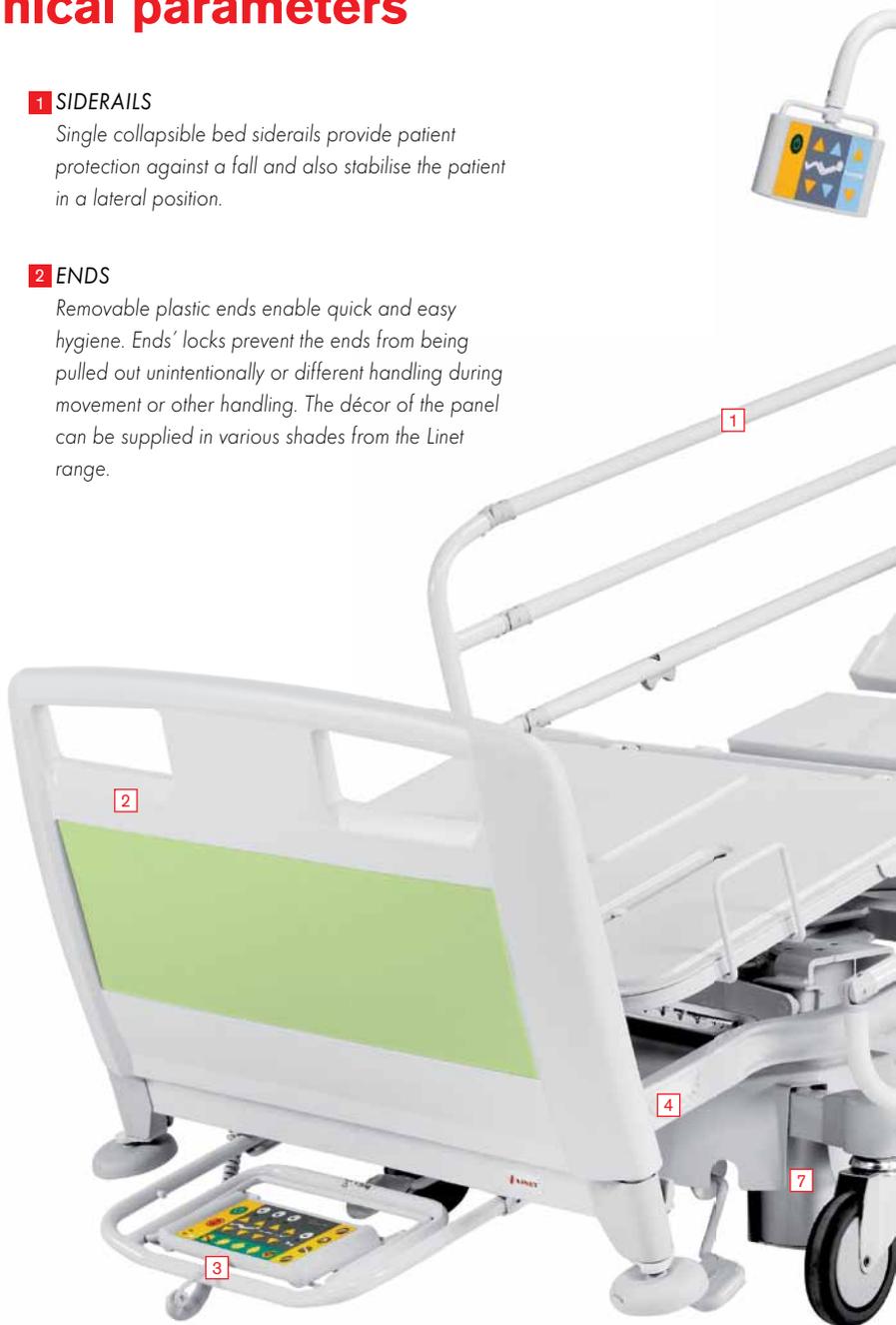
LATARA

1 SIDERAILS

Single collapsible bed siderails provide patient protection against a fall and also stabilise the patient in a lateral position.

2 ENDS

Removable plastic ends enable quick and easy hygiene. Ends' locks prevent the ends from being pulled out unintentionally or different handling during movement or other handling. The décor of the panel can be supplied in various shades from the Linet range.



3 SUPERVISOR NURSE CONTROL

Central nurse control can be adjusted to all the bed position, contains memory of frequently used positions, GO button and battery capacity and lifetime indicator.

4 BED EXTENSION

Integrated bed extension allowing the adjustment of the mattress platform length to meet the patient's individual height.



5 CONTROL ON THE FLEXIBLE ARM

Control feature on the patient's satellite is within the patient's reach and the nurse can also use it.

6 MATTRESS PLATFORM

Four-section mattress platform is adjustable with the aid of actuators. Its surface consists of removable, easily washable plastic parts.

7 COLUMNS

Electric lifting units placed in three columns enable the mattress platform height adjustment and that of other positions including the lateral tilt. The column construction ensures the bed's perfect stability.

8 FOOT CONTROLS

Bed height controls and lateral tilt controls are placed on both sides of the bed. The controls are protected against spontaneous activation by a mechanical barrier, equipped with an electric lock and GO button.

9 CASTORS

The 150 mm in diameter castors are available in the Tente Concept and Tente Concept Plus option.

10 5TH CASTOR

The 5th castor facilitating handling of the bed during transport is controlled separately by a foot lever.

TECHNICAL PARAMETERS

External dimensions	219 × 98.5 cm
Bed extension/reduction	± 10 cm
Mattress dimensions	200 × 86 cm
Mattress platform height adjustment	43–81 cm
Lateral tilt	15°
TR/ATR tilt	± 16°
Backrest tilt	0°–70°
Thigh rest tilt	0°–45°
Clearance height	15 cm
Safety work load	200 kg

ELECTRIC PARAMETERS

Power supply	230 V, ± 10 %
Maximum input	max. 1,6 A 370 VA
Cover against water and dust penetration	IPX4
Type of protection against electric current	class I

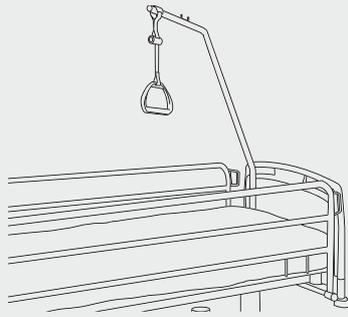
CERTIFICATES

- 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
 - EN 60601-1-2
 - EN 60601-1-6
 - EN 60601-2-52

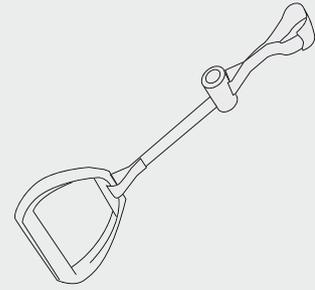
Accessory variability

The Latera beds can be equipped with a broad range of accessories. Appropriate accessories increase the bed's utility features and fully comply with the requirements and needs of a specific department. It helps patients to achieve greater independence and eases the work of medical staff.

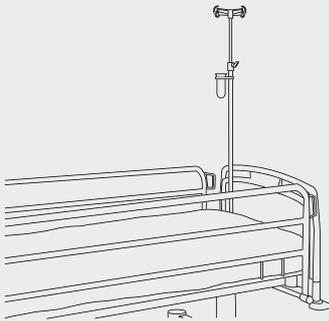
Lifting pole with handle



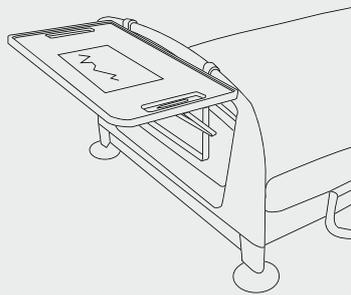
Plastic lifting pole handle



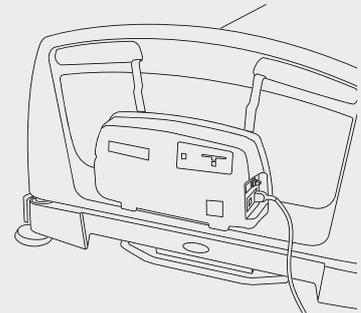
Infusion stand



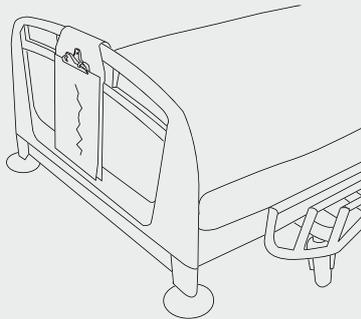
Plastic writing rack



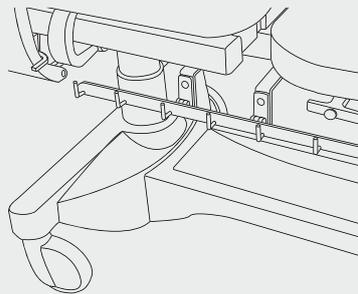
Pressure relieving foam mattress compressor holder



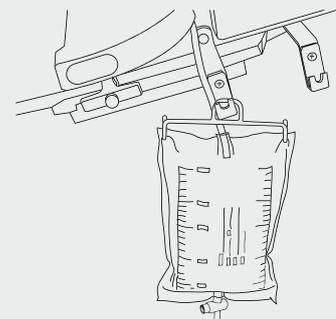
Temperature chart holder



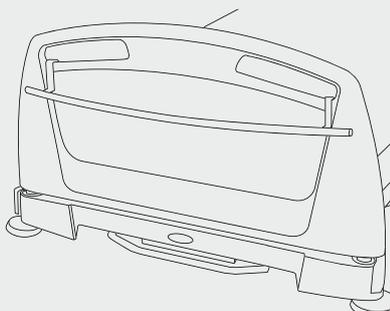
Cannulae holder



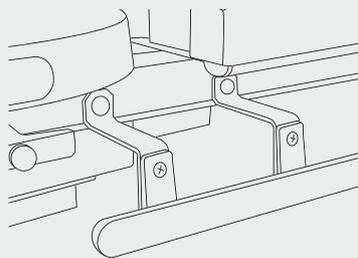
Urine bag holder with tilt adjustment



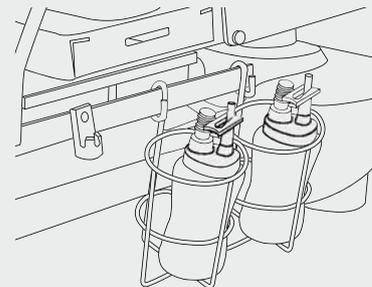
Towel holder



Universal stainless steel bar (26 cm)



2 Redon bottle holder



Design is your choice

PLAY OF COLOURS

The Latera Acute bed design meets the latest aesthetic trends in healthcare. The colour scheme of the bed ends is highly variable and fully blends in with their surroundings.

COLOUR RANGE

1. Light blue
2. Nectarine
3. Kiwi
4. Yellow
5. Aquamarine



WOODEN PANELS

Although the Latera Acute is a hospital bed, it offers not only a modern range of colours, but also wooden decors. It evokes a homely and pleasant indoor feeling. This particularly applies to older users who feel better in traditional surroundings and has a calming effect.

WOOD DECORS

- A. Royal maple
- B. Beech
- C. Cognac pear



hospital bed with a lateral tilt

Latera Thema

LATERA THEMA

Latera Thema is a bed with lateral tilt intended for a hospital use, especially for the non-acute departments. A home looking design based on siderails and bedends with progressive aluminium elements makes the bed suitable also for above-stand-ard rooms and private modern clinics.



The three-column construction enables LT adjustment and provides the bed with exceptional stability, rigidity and also a specific design.

LATERA

hospital bed with a lateral tilt



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Slight colour deviations are possible. Technical alterations reserved.