

# Multicare



Critical Care Bed

# Multicare turn for the better





100%  
help for staff and patient

# Benefits of Multicare





- Less pulmonary complications thanks to automatic lateral therapy (ALT®)
- Quicker recovery thanks to the Mobilift®
- Reduced falls thanks to the siderail concept, bed exit alarm (BEA) and i-brake



Patient

- Less physical strain and easier patient handling due to the lateral tilt
- Safer and quicker transport thanks to the i-drive power
- Lowered necessary repositioning due to the Ergoframe®



Staff

- Reduction of extra cost for ventilator associated pneumonia (VAP), falls, infections and pressure ulcers
- Saving staff time for the qualified jobs
- Optimized treatment economy due to shortened length of stay



Management

# Multicare is staff friendly

## PLATFORM BASED LATERAL TILT

- An aid for handling the patient with minimum effort
- Routine nursing activities such as washing, re-positioning, toilet and dressing easily and ergonomically
- Simply turn your patient on side using the bed lateral tilt





## BACK INJURIES

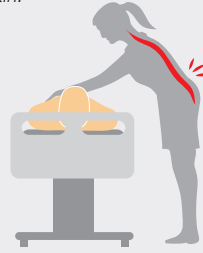
Ergonomically correct



The Multicare bed with the lateral tilt.

Ergonomically incorrect

52% of nurses complain of chronic back pain.



A bed without the lateral tilt. A huge risk of back injury in the lumbar area.



## THE LATERAL TILT

can minimize the effort required from ICU staff and optimize working conditions during other activities such as mobilization and transfer from the bed to a stretcher.



QUICKER RECOVERY AND HIGHER COMFORT



LESS BACK INJURIES AND PHYSICAL STRAIN



REDUCED EXTRA COSTS OF STAFF OCCUPATIONAL INJURIES AND THE EFFECTS OF THE IMMOBILITY SYNDROME



# Multicare is staff friendly





## MOBILIFT®

- Helps get the patients out of bed safely with reduced staff effort
- Unique LINET solution combines support handle with egress height adjustment
- Supports the active participation of the patient
- Helps to minimize the immobility syndrome by early mobilization



## i-drive POWER

- Motorized patient transport with minimum manpower
- A unique Safety Sense™ feature avoids the risk of self-activation, unintentional activation or misuse
- The intelligent accelerator optimizes the drive speed in different drive situations

# Absolutely safe



Safety is a key parameter for the IMulticare. All the bed's functions are set so the patient can not just feel but really be as safe as possible.

**SAFE**Plus  
CONCEPT



## MULTI PROTECT SIDERAILS

Progressive side rails with the safe gaps concept, side rail sensors detecting the down position and exceptional height provide excellent protection against falls.



## i-brake

Automatic brake prevents uncontrolled movement and falls caused by leaning on an unbraked bed.



## MULTI ZONE BED EXIT ALARM

The suitable audible alert regime can be selected with respect to actual patient fall risk. This feature can help staff to control the fall risk permanently and to react in time accordingly.



## NURSE CALL

Nurse call is always at hand to prevent dangerous situations or to call staff for common assistance.

# Ready to prevent





## AUTOMATIC LATERAL THERAPY (ALT®)

Automatic Lateral Therapy is a platform based lateral tilt individually programmed in cycles to improve lung drainage and prevent VAP 1,2.



## ORTHOPNEIC CHAIR

The Orthopnoeic chair position helps to maximise respiratory function and enhances patient comfort.



EASIER LUNG DRAINAGE AND LESS STRENUOUS MANUAL PATIENT HANDLING



LESS PULMONARY COMPLICATIONS THANKS TO AUTOMATIC LATERAL THERAPY (ALT®) AND ORTHOPNEIC CHAIR



REDUCTION OF EXTRA COST FOR VAP, ARDS OR COPD, SHORTENING THE LENGTH OF STAY

# Ulcers prevention



## PRESSURE ULCER PREVENTION

Multicare open architecture allows using various mattress systems for the prevention or healing of pressure ulcers according to the needs of the patient.



*Virtuoso APM with zero pressure and 3-cell technology.*



*Symbioso MCM with integrated design.*

## THE ERGOFRAME®

system increases patient comfort and ergonomics when lying on the bed and minimizes lung and abdominal area compression.



## THE LATERAL TILT

can assist nurses in regular preventive patient repositioning. This basic preventive treatment can be done effectively with reduced strain and risk of back injury.

# Multicare is practical

## MULTIBOARD

Easily accessible control panel with intuitive user interface is oriented to indicate the 30 degrees HOB (Head of Bed) position.



## i-drive

The i-drive Retractable 5<sup>th</sup> castor helps to reduce the effort required by staff to drive and steer the bed.





## LATERAL X-RAY CASSETTE TRAY

The lateral X-ray cassette holder enables safe imaging of the chest without needing to reposition the patient on the bed.



## SCALES

The Advanced Weighing System integrated into the Multicare bed is capable of indicating the exact weight of the patient in most bed positions. This yields not only the current value of the patient's weight, but also provides valuable information about changes over time.



## FOOT CONTROLS

Handsfree comfortable adjustment of the height and lateral tilt.



## ILLUMINATED PATIENT KEYBOARDS

for the patient's better orientation at night.

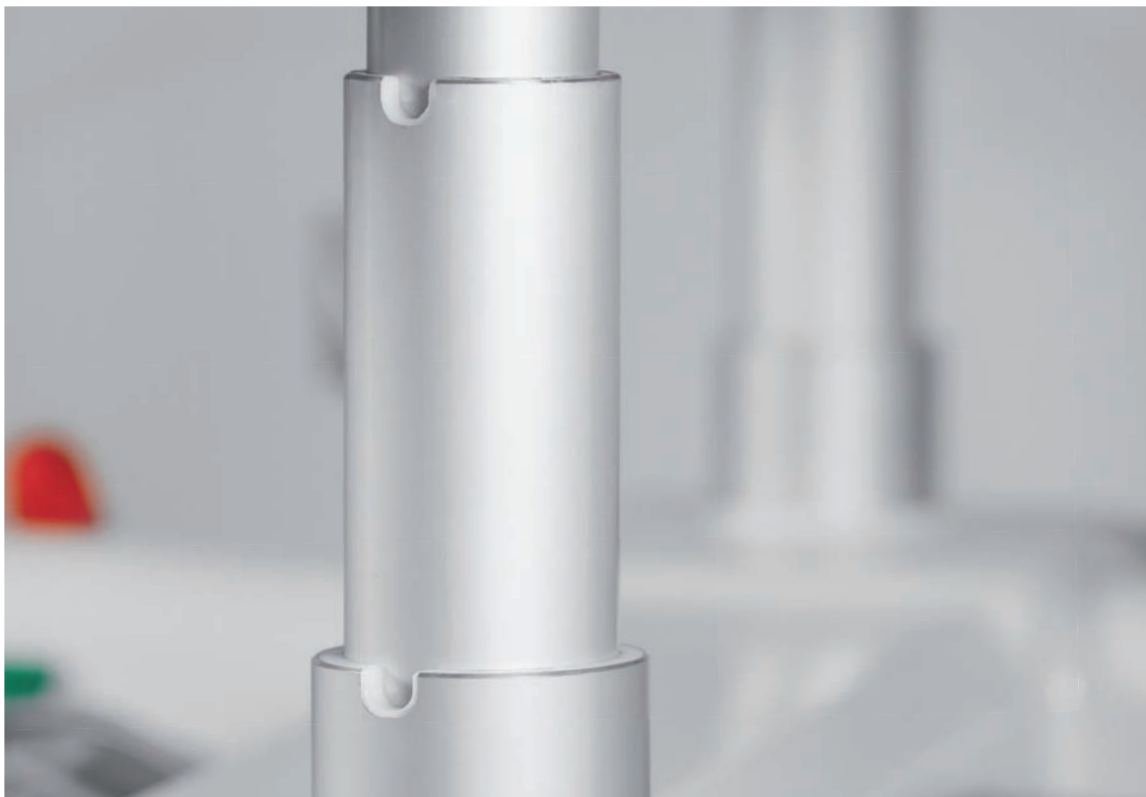
# Perfect disinfection





## ADVANCED INFECTION CONTROL

The column construction, flat and seamless surfaces make easy and complete decontamination possible.



## SANITIZED® ANTIBACTERIAL TREATMENT

The most exposed place on the surfaces of the Multicare bed have an antibacterial property through the integrated Sanitized® hygiene function. Sanitized® Antibacterial Treatment permanently and reliably equips the material against the growth of bacteria.

- Better hygiene in healthcare and hospital surroundings
- Effective control of noscomial infections – cost reduction
- Cost savings in sanitation



# Intelligent bed

The intelligent LINET Multicare bed can be equipped to provide information on patient safety, bed status and current maintenance requirements without the need for complex training – it is simple to use.



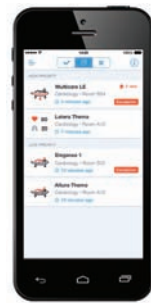
## SafetyMonitor

The SafetyMonitor intelligent system improves risk management particularly when caring for patients in an acute healthcare environment. The system automatically combines information from the bed safety features with patient vital functions, presenting this to nursing staff in an intuitive way.





INFORMATION  
FROM  
the SafetyMonitor  
CAN BE VIEWED  
WHEREVER  
NEEDED:  
iPad, smartphone, PC



## BedMonitor

Patient comfort is maintained thanks to the use of contactless technology which is continually monitoring the bed's safety functions (bed height, siderail position, back rest angle, brake activation).

## VitalMonitor

Vital Monitor offers a comprehensive and comfortable patient monitoring system throughout the department.

Vital Monitor checks for the presence of the patient on the bed and vital functions (e.g. pulse, respiratory rate).

# Basic beds parameters





## CERTIFICATES

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

Products are manufactured according to 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, $\pm 10\%$ , 50–60 Hz
Maximum input max.	max. 1.6 A, 370 VA
Cover against water and dust	IP 54
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)	10%, max. 2 min/18 min

## TECHNICAL PARAMETERS

External dimensions	215×105 cm (shortest mattress platform position)
	237×105 cm (longest mattress platform position)
Mattress dimensions	208 × 86 cm
Max. mattress height	23 cm
Height adjustment	44–82 cm
Lateral tilt	$\pm 30^\circ$
TR/ATR tilt	$13^\circ/16^\circ$
Weight (basic equipment)	210 kg
Safe working load	250 kg



# Multicare

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Staff

Management

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bosserhoff

 LINET®

Members of LINET Group

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