

NewCare

articulated bed



NewCare | features



1 "FULL LENGTH" SIDERAILS

The new siderails from headboard to footboard cover the full length of the bed, offering a retentive function, without causing burden sensation.

Made of polypropylene, its design allows the passing of light and the complete vision of the room, from the point of view of the patient.

It operates quickly and the lowering is assisted by a shock absorber in order to avoid any abruptness during its movement, especially during the last centimetres of its path. Both siderails are operated by one hand, having the second one free in case it is required to assist the patient. It's ready for the New Standard IEC 60601-2-52.

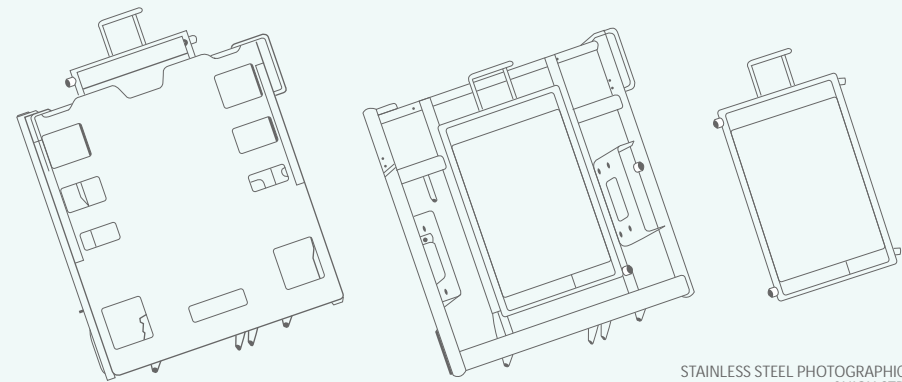
2 HPL BEDBASE WITH DOUBLE AUTORETURN SYSTEM TO PREVENT PRESSURE ULCERS

The synchronized movement of thorax and leg sections when they are activated improves the distribution of pressures and contributes to the reduction of the pressure ulcer occurrence.

This has been studied by ID-ERGO, institute of research and development belonging to I3A (Institute of Engineering research of Aragon) and carried out according to a test protocol revised and validated by GNEAUPP (National Group for the Study and Advising in regard to Ulcers per Pressure and Chronic Injuries). It's inferred that double autorreturn system decrease to a large degree pressure ulcer occurrence.

Bedbase is made of removable (without tools) HPL panels. It is fireproof, water resistant, antifungus and hight resistant to scratch. Ideal for hospital use.

NewCare | X-Ray Ready



STAINLESS STEEL PHOTOGRAPHIC-PLATE of HIGH STRENGTH



Somier Bed with sliding rails system for photographic-plate tray and X-Ray transparent HPL backrest panel. This allows Hospital to have every bed X-Ray transparent in backrest panel, meaningfully decreasing transfer and bother patients as well as workload of healthcare personnel.

3 FIX HEADBOARD

Option to fix the headboard to the undercarriage. This way headboard is always at the same position when trend and reverse trendelenburg are used.

4 BUILT-IN CONTROLS/ PREPROGRAMMED FUNCTIONS

The bed allows up to 4 membrane controls built-in siderails. Four different preprogrammed functions can be operated from the nursing control to ease the work of care assistants:

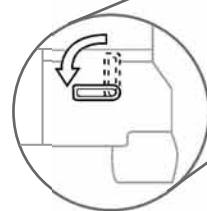
- Cardiac chair position
- CPR emergency position
- Examination position
- MAX. Trendelenburg

5 REMOVABLE HEAD AND FOOTBOARD WITH LOCKING FUNCTION

Removable head and footboard made of polypropylene.

The footboard and headboard can be locked by a mechanism that even lift the bed from the ground without risk of being unlocked.

To lock both footboard and headboard, operate lateral levers (both) till the horizontal position. To unlock, operate both levers till the vertical position.



6 FOUR BAR LINKAGE LIFTING SYSTEM

The four bar linkage system gives much better stability than the columns, especially in the ends of the bed.

It has the best value for money, keeping or even improving, the same features as any other column bed in the market.

Depending on the siderails chosen and the casters size, this lifting system reduces the minimum height up to 36cm..



7 EXTENDABLE TABLE

Extendable table under footboard as bed stripper support, nursery equipment support or even have lunch.





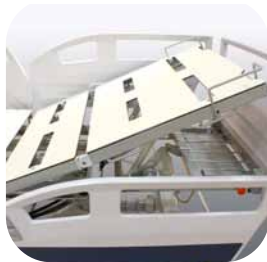
8 GRADE SCALE

Both siderails (upper and lower), have built-in a degree indicator to ease the right patient posturing.

9 THERAPEUTIC POSITION OF LEG SECTION

The leg section is aligned with the thigh section by means of a point hinge that reaches up to 43°.

This therapeutic position is intended to facilitate the return circulation, and it is specially useful for long-stay patients.



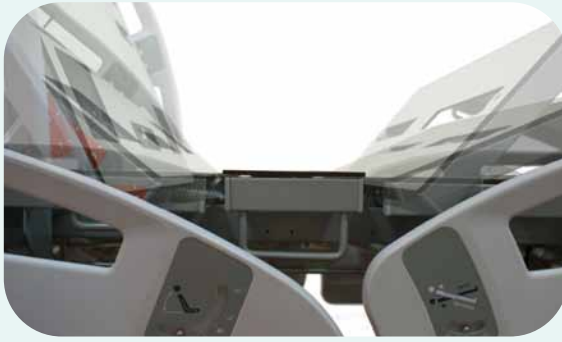
10 EXTENSIBILITY

The bed can be extended up to 30 extra cm., so it can be adapted to the needs of the patient.

11 FIFTH WHEEL DIRECTIONAL, AUTOMATIC DAMPING AND CONDUCTIVE

Made of high strength synthetic-plastic materials, intended to avoid metallic parts shown and therefore, making impossible rust.

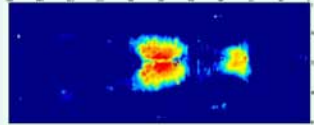
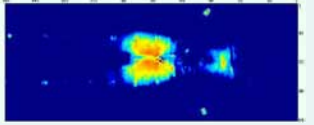
- Automatic: Avoid the pedal, wherewith clinical staff's work load decrease.



NewCare I UPP's prevention

- Double Autoregression

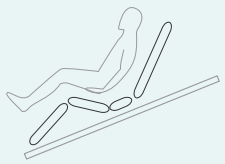
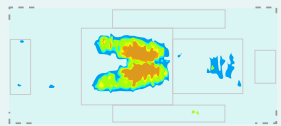
This feature allows to reduce the pressure-map on the patient during articulation movement. Images show comparison with and without this feature.

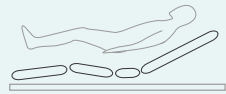
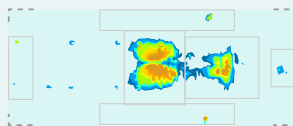
Bed without double auto-regression
Bed with double auto-regression

- Pressure distribution in accordance with position

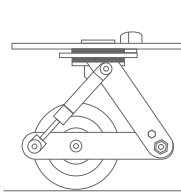
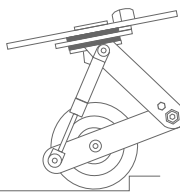
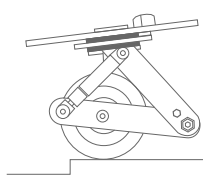
The pressure distribution depends on patient's position on the bed. It's important to know and apply correctly the most advisable positions in long-term patients in order to aid UPP's reduction.

Sitting

Semi-fowler (30°)

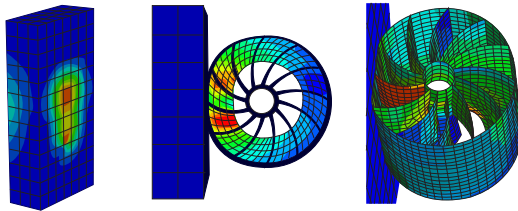
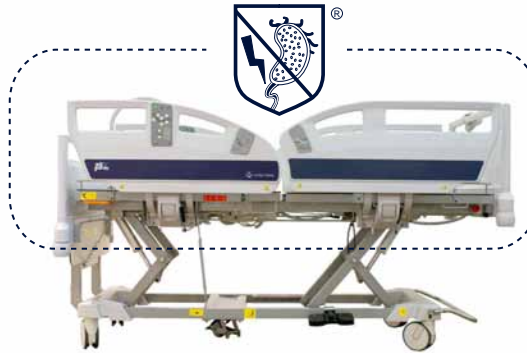
- Damping: The shock absorber system avoids 5th wheel's damage against stairs (id est: entrance, exit of lifts).

- Conductive: It allows to conduct static electricity to the ground due to wheel's band material.

12 ANTIMICROBIAN SHIELD PROTECTION

Thanks to an special chemical formula, containing silver ions, bed's components meaningfully increase its protection against creation and spread of germs, minimizing risks of patient, relative and clinical staff's infection.

This chemical formulation act against microorganisms in an active way attacking the bacteria's cell membrane and disturbing protein's metabolism, to sum up, it provides a high level of asepsis above any other current hospital bed.

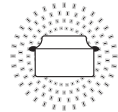
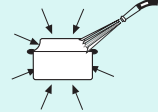


14 PROTECTION CYLINDERS

Lateral protection cylinders with internal stiffeners helix shaped. The bigger cylinder's height versus a disk, distribute in a much more effective way the energy of impact in a bigger area. Furthermore, the design with internal stiffeners helix shaped,

13 COVER AGAINST LIQUIDS OF THE MOTORIZATION/ELECTRONIC SYSTEM

Protection against penetration of water and/or liquids. Highest protection grade of the electronic equipment. IPX6 instead of IPX4.

MEANING	IPX4	IPX6
Protection of the enclosure against harmful ingress of	Splashing water	Powerful water jets
Environment test		

allows a bigger distortion and kinetic energy absorption, avoiding/minimizing transfer to the wall. This enable decrease damages in hospital facilities.

NewCare I Control panels



■ Patient control panel

Patient control with cord, include functions as raising/and lowering of back-rest and thigh-rest, as well as bed surface height variation and cardiac chair, CPR in case of cardiac arrest.



■ Nursing control panel

Nursing control panel is equipped with a button for it's own activation (after 30 seconds of inactivity it switches off to save energy and improve use safety). The panel has basic function buttons, lockable by pushing the locking button and an extra function of blockage of a patient control panel.



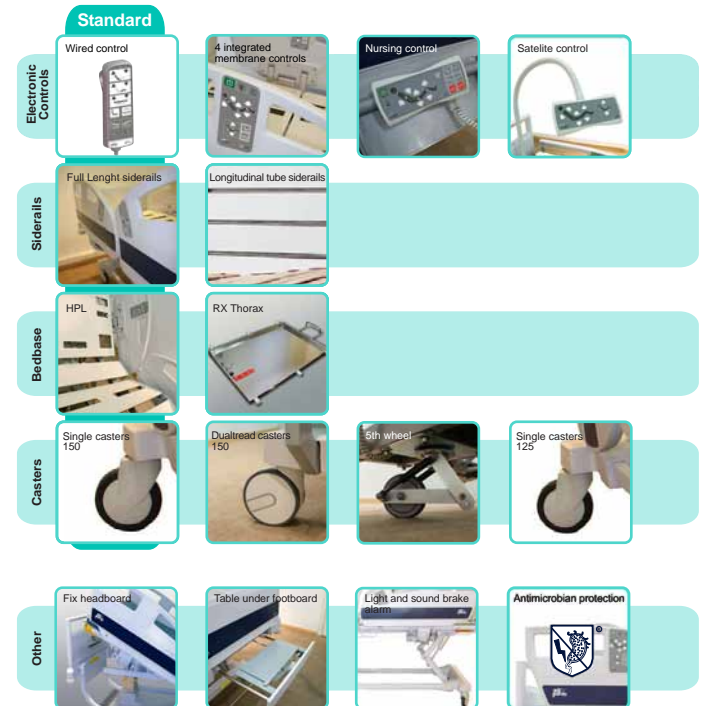
■ Membrane siderail control

Membrane controls built-in siderails include raising/lowering functions for back-rest, thigh-rest and bed surface. Two nursery functions as CPR and cardiac chair also included. It has a button for its own activation, as well as two buttons of special functions what it would be like nurse call or underbed light.

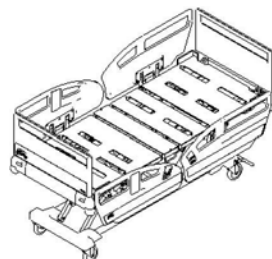
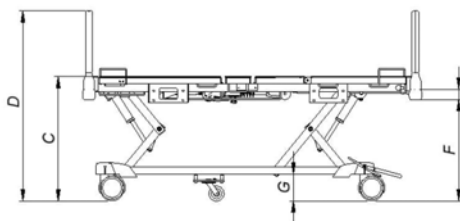
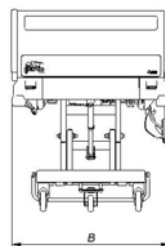
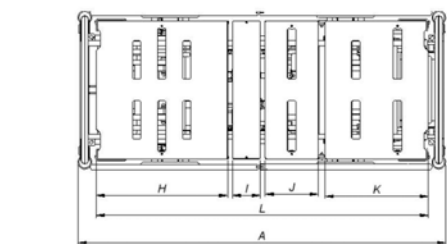
TECHNICAL DIMENSIONS AND GENERAL FEATURES "NEWCARE"

DIMENSIONS AND WEIGHTS	VERSIÓN ESTÁNDAR	XS VERSION
Maximum outside length including siderails (A)	220±1 cm	205 cm
Maximum width including siderails (Down / Up) (B)	95,5 cm / 97 cm	93'5 cm
Minimum / maximum platform height (w/mattress) (C) R.150 Split Side Rails	42 / 84 cm	acc/ options
Minimum / maximum platform height (w/mattress) (C) R.125 Tube Side Rails	36 / 78 cm	
Total bed height (minimum / maximum) (D)	84 / 126 cm	
Integrated mattress platform extension (E)	30 cm	
Minimum / maximum height from floor to corner bumpers (F) (height of corner bumper: 6,5 cm)	24,5 / 66 cm	
Under bed clearance for mobile hoists (G)	17,3 cm	
Recommended mattress dimension (L)	86 x 200 x 14 cm	86x190x14 cm
Mattress platform individual length (H-I-J-K)	79-17-32-62 cm	
Backrest maximum tilt angle	70° (±3°)	
Legrest maximum tilt angle	40° (±3°)	
Double auto-regresion (retraction)	16,5 cm	
Trendelenburg - Reverse Trendelenburg position	13° - 14° (±1°)	
Maximum patient Weight (MPW) / Safe Working Load (SWL)	185 kg / 250 kg	
Weight (without accesories)	120 kg	
ELECTRICAL EQUIPMENT		
Maximum Input / Feeding	2 A máx. / 230V±10% a.c. 50/60 Hz	
Type of protection against electrical current / water and dust penetration	Class II Tipo B / IP66	
Electrical motor operation mode	10% max. 2min / 18 min	
Optional electrical equipment	120V±10% a.c. 50/60Hz "K" Plug Type	

NewCare | options



NewCare | accesories



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