



Intelligence
that ensures
safety



Chrysalis **NOVA** **ACTIVE** 



It's time to address the pain

76% nurses suffer from

back aches, pains,
strains caused by
patient handling.



Being a caregiver is a challenging profession. The hours are long, the job is physically and emotionally draining, and the caregiver is expected to remain mentally alert at all times. In critical instances, caregivers are expected to put in double duty as well.

This strenuous work environment and culture leads to back pains and other muscular skeletal disorders in 76% of the nursing staff*.

Further, in case of patients, long stay in ICU wards can result in bed sores and other skin ailments.

Godrej Interio | Healthcare is working to constantly improve these conditions. Chrysalis Nova Activ is the latest in our range of offerings in hospital beds. This bed comes with an advanced Lateral Tilt function that allows the caregivers to perform their duties with ease and also aids in the patient's recovery.

* Data Source: Research done on nurses by Godrej Interio, to understand their pain points.

Thoughtful design for healthcare spaces

Chrysalis Nova Activ

The Intelligent Sense
Bed for modern
Healthcare spaces.



Designed as an Intelligent Sense Bed, Chrysalis Nova Activ supports the efforts of the caregivers at various levels. The Intelligent technology of this bed aids in the overall positioning of the bed, facilitates lateral tilt function at the press of a button, and has several easy to use features to ensure patient safety and comfort at all times. This bed is designed to make the healthcare experience a happier one for all stakeholders involved.



Patient
comfort



Enhanced
caregiver efficiency



Effective time
management for Hospital

Lateral Tilt: Taking the pressure off



Intelligent Sense: How it works

- **Caregiver Ease:** The **Lateral tilt** is designed to aid nursing staff in turning patients on their side during various daily activities in the hospital such as lifting the patient, physically turning him on the side, maintaining hygiene for the patient, etc. The Chrysalis Nova Activ Lateral Tilt feature allows a single nurse to tilt the bed, shift patient to another bed or wheelchair with minimal effort. The remote has an inbuilt safety feature to ensure only authorized nurses can use it.
- **Patient comfort:** Lateral therapy minimises pressure on ulcers, reduces occurrence of bed sores and increases patient comfort.
- **Patient safety:** To prevent patient fall, lateral tilt function is designed to activate only when side boards are closed. The bed takes a flat position before moving to a lateral tilt movement to avoid patient accidents.

Technology for greater comfort



BED POSITION AND
WEIGHT MONITORING CONSOLE



INTEGRATED CONTROL PANELS FOR PATIENT



INTEGRATED CONTROL PANELS FOR CAREGIVER

Chrysalis Nova Activ uses integrated technology to bring greater care and comfort to contemporary healthcare spaces. Here is a look at some of its key features:

Bed position and weight monitoring console: The panel displays readings for digital angle indicator, weight measurement, auto compensation, single touch cardiac chair position, single touch auto contour position and safety key sensor.

Integrated control panels for patients and nurse:

The patient can use the control panel to independently adjust their position, creating a sense of autonomy in the patient. The nurses just need to push a button to operate backrest, knee rest, height adjustment, TR and ATR effortlessly. The nurse's integrated control panel allows them to easily achieve these positions as well: Single touch cardiac chair position, Single touch Auto contour and Auto CPR function.

Ensuring better Patient outcomes



FULL COVERAGE SAFETY SIDEBOARDS



AUTO REGRESSION



BED EXTENDER



UNDER-BED LIGHT

Auto Regression: The panels of the bed shift automatically to make space while the patient is in sitting position. This eases abdominal pressure when the backrest is raised, preventing shearing of mattress surface with skin, and reduces risk of pressure ulcers.

Full Coverage Safety Sideboards: For increased patient safety.

Bed Extender: Bed can be extended by 185 mm, allowing taller patients additional leg space; reduces the need for caregiver to shift taller patient to another bed.

Under-bed light: It helps assess the distance from the floor even when it is dark.

Caring for the Caregivers



CPR LEVER ON BOTH SIDES & AUTO CPR



ZERO ENTRAPMENT ZONES



LOCKING MECHANISM



DIGITAL ANGLE INDICATOR



SIDEBOARD HEIGHT IS COMPATIBLE WITH AIR MATTRESS



BED EXIT ALARM

Emergency CPR lever: Helps achieve flat position of backrest in emergency, from either side of the bed.

Zero Entrapment zones: IEC - 60601-2-52 Safety Standards compliant, ensures body parts of caregivers and patient are safe at all times.

Locking Mechanism: This feature helps the caregiver fix ideal position required for optimum patient support. The locking mechanism ensures settings are not changed, avoiding unnecessary movement of patient.

Digital Angle indicator on control panel: Provides accurate angle measurement of the bed position, allowing doctors to keep patients in desired postures.

Air Mattress compatible: The side board height is designed to be compatible with Air mattresses.

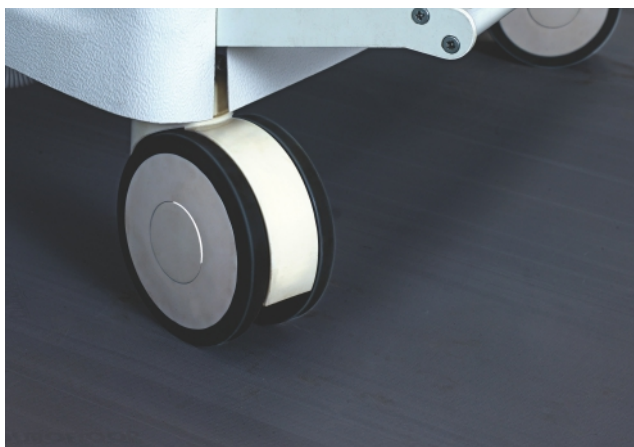
Bed Exit Alarm: This safety feature helps to avoid patient fall. The alarm rings if patient weight is not sensed on the bed, so that the nurse can check on the patient.

Ease of Manuverability

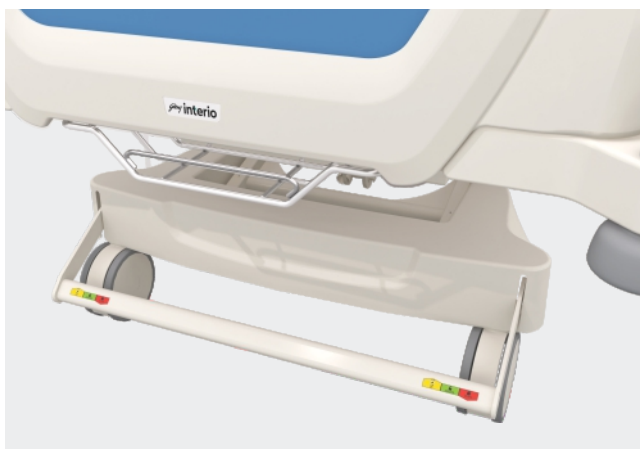
Makes patient movement easier



SHOCK ABSORBENT BUMPERS



TWIN WHEEL 125 MM CASTORS



CENTRAL, DIRECTIONAL LOCK PEDAL



WIRE WINDER

Ergonomic movement features make shifting patients in and out of operation theatres and intensive care wards easy and safe.

Bumpers with excellent shock absorbing property:
Keep the walls and the bed safe, provide protection against collisions during shifting of bed.

Twin wheel castors: Maneuverability is easier and more stable with twin wheel 125 mm castors.

Central locking mechanism, with directional lock:
The robust castors are equipped with central brake for directional locking. Bed can be centrally locked, directionally locked and unlocked with the help of a brake pedal.

High on Hygiene

Minimised chances of infections



BACTERIOSTATIC LYING SURFACES



REMOVABLE LYING SURFACES



REMOVABLE PLASTIC HEADBOARD & FOOTBOARD



LINEN HOLDER

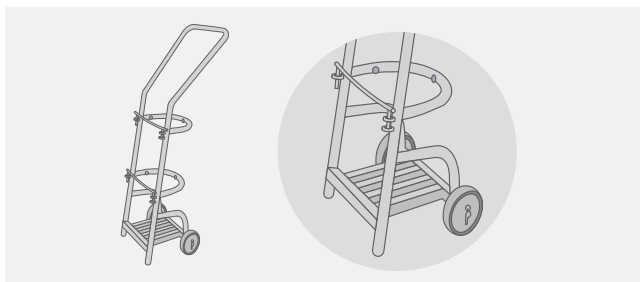
Chrysalis Nova Activ is designed to keep cleaning and maintenance of the bed, mattress and accessories hassle-free.

Bacteriostatic lying surfaces: All lying surfaces have bacteriostatic additives - minimizing Hospital Acquired Infections (HAI) and ensuring patient hygiene.

Removable Lying surfaces: The removable plastic lying panels make cleaning and maintaining high hygiene standards easier.

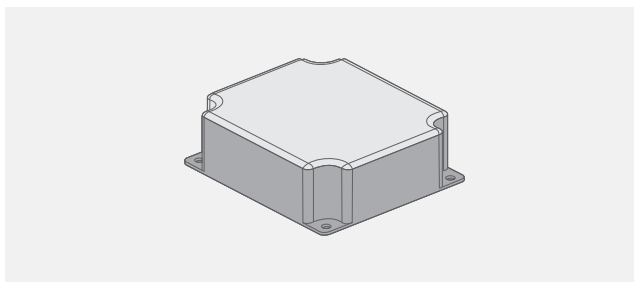
Removable headboard and footboard: With removable headboard and footboard, it is easier to clean all parts of the bed and keep the structure free of infection.

Accessories



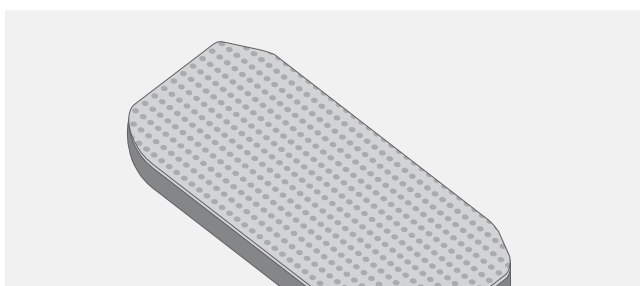
Oxygen cylinder trolley

Supports mobile respirator with spontaneous breathing mode.



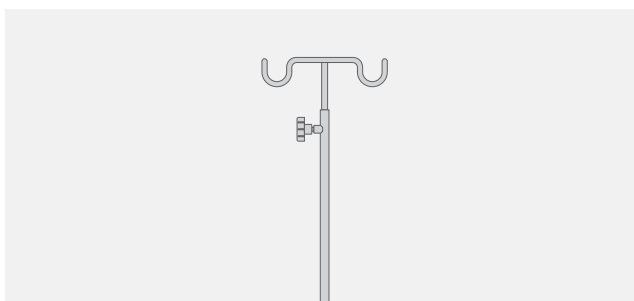
Battery backup

When unplugged from power source, all bed functions can be used with battery back up. This makes it easy to shift bed across wards and floors.



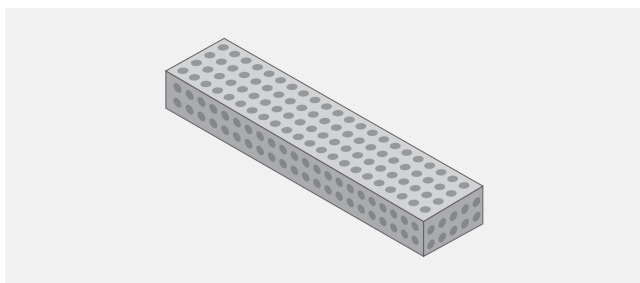
Mattress

Patient responsive mattress as accessory is the ideal match for Chrysalis Nova, facilitating comfort and quick recovery.



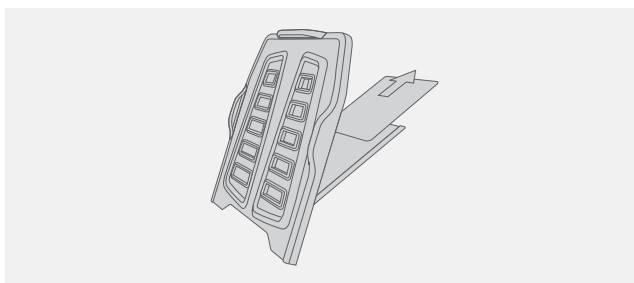
Lite IV Pole

Stainless steel IV pole is designed to be light weight, ergonomic and easy to use at any corner of the bed.



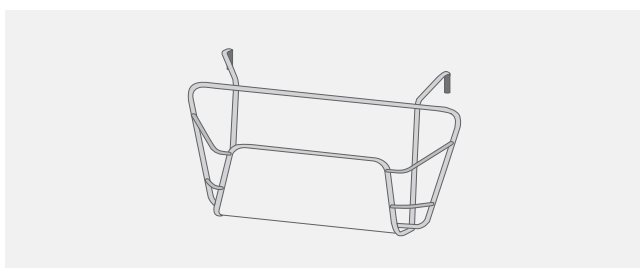
Mattress extender

Accommodates taller patients, without having to shift beds.



X-ray permeable back

Eliminates the need to shift patient for x-ray purposes, reduces stress on patient and caregiver.



Document holder

Hassle-free fixture to keep all patient documents within reach.

Technical Specs

Product Specification

Overall Length	<2200 mm
Overall Length (with extended)	<2380 mm
Overall Width	1010 mm
Height Range without mattress	523 mm to 873 mm
Trendelenburg	0°-15° (+/- 2)
Reverse Trendelenburg	0°-15° (+/- 2)

Backrest Angle (Max.)	0°-66° (+/-5)
Legrest Angle (Max.)	0°-24° (+/-5)
Lateral Tilt Angle	0°-17° (+/-2)
Castor Diameter	125 mm
Under Bed Clearance	150 mm
Safe Working Load (With Accessories)	250 kg

Electrical Details

Power In: 3.9A max. At 230V AC 50-60 Hz

Electrical Shock Protection: Class I, Type B

Liquid Ingress Protection: Actuators - IPX4

Control box: IPX6 Washable

Battery: IPX6

Batteries: lead acid battery, rechargeable, 1.2 Amp hrs/ 28.8 kWh

Standards

World Class Standards

IEC 60601-1 Medical Electrical Equipment: General requirements for safety and essential performance

IEC 60601-2-52* Medical Electrical Equipment: Particular requirements for safety and essential performance of medical beds

IEC 60601-1-2 Electromagnetic compatibility (Requirements & Tests)

IEC 60601-1-4 General Requirements for Safety: Programmable electrical medical systems

ISO 14971 Medical Devices: Application of risk management to medical devices



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