

Salient Features

ELEVATION

Beds can be raised and lowered at the head, feet, and their entire height. This feature is hydraulically operated and ensures jerk free and feather touch operation. Additionally the height of the bed can be adjusted as per requirement.

Today, while most fully electric bed have many features that are operated either electronically or semi-electrically (has two motors, one to raise the head and the other to raise the foot).

This bed has an additional facility for tilt-ability across the length of the patient up to an angle of 45 degree, while the side bed grill provided on the sides, prevents slipping of the patient out of the bed. The tilting mechanism is completely jerk free, very gradual and can easily be self operated or with the assistance of paramedical staff.



Raising the head (known as a Fowler's position) can provide some benefits to the patient, the staff or both. The Fowler's position is used for sitting the patient upright for feeding or certain other activities or in some patients, ease breathing or may be beneficial to the patient for other reasons. Raising the feet can help ease movement of the patient toward the headboard and may also be necessary for certain conditions. Raising and lowering the height of the bed can help bring the bed to a comfortable level for the patient to get in and out of bed or for caregivers to work with administration.

WHEELS

- ♦ Self lubricating bearings assisted castor wheels to ensure smooth movement
- ♦ High load bearing



- ♦ Myriad surfaces movement capacity
- ♦ Individually Lockable wheels

Tilting of the bed in the sideward manner, which is unique to Mellanai, assists in treatment during day care in bed ridden conditions, specialized treatment assistance during spinal or neck injury cases and permits ease of treatment in some cases of trauma and acute care. In many cases when the patient is unable to initiate a proactive sideward lying posture, this feature is of particular significance.

SIDE RAILS

Beds have side rails that can be raised or lowered. These rails, which serve as protection for the patient and sometimes can make the patient feel more secure, also includes the buttons used for their operation by staff and patients to move the bed, call the nurse or even control the television.



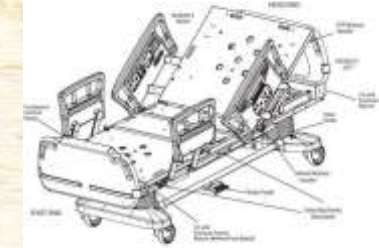
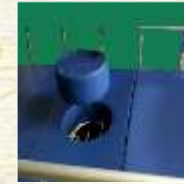
- ♦ variety of different types of side rails options
- ♦ have equipment that can aid the patient themselves without physically confining the patient to bed.

BED PAN

Provision of assistance of the patient with a bed pan for toileting of the patient is also available, based on the conditions and criticality of the patient.

CPR FUNCTION

In the event of the bed occupant suddenly requiring cardiopulmonary resuscitation, these hospital beds offer a CPR function (optional) in the form of a button or lever which when activated flatten the bed platform and put it in lowest height and deflates and flattens the bed's air mattress (if installed) creating a flat hard surface necessary for effective CPR



SPECIALIST MATTRESSES

Provision for use of a wide variety of mattresses from air beds to water beds to other signature or speciality mattresses as the case may warrant.

OTHER FEATURES (CUSTOMISATION)

The design of the bed facilitates a standard 6ft x 4ft mattress. Other specialised options can be designed based on the requirement and criticality of the patients. Customised features can also be incorporated.



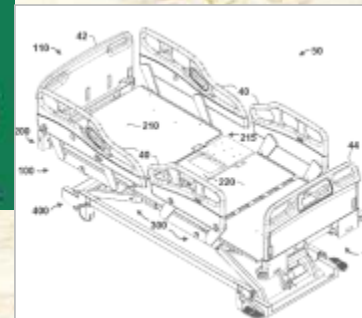
OTHER SPECIALITY BED OPTIONS

PEDIATRIC / INTENSIVE CARE / HEMODIALYSIS / AMBULANCE

OTHER PRODUCT VARIATIONS

COUNTRYWISE SPECIFICATIONS

MULTICARE BEDS



HOW MELLANAI SCORES ABOVE OTHER HOSPITAL BEDS?

COST

A specialised hospital bed like the one mentioned can cost over \$3000USD; on average with different costs associated with completely manual functions, 2-motor functions and fully electric 3-motor functions (whole bed going up and down). Other costs are associated with bariatric heavy duty models that also offer extra width. The cost of Mellanai is significantly much less compared to its international counterparts.

IMPORT SUBSTITUTE & MONOPOLISTIC IN INDIA

As on the date of this document, there are no Indian manufactured substitutes for this model.

EFFECT ON HEALTH OF PATIENTS

Standard Hospital beds can make a patient's spine more rounded because a patient who sits up a lot, such as when watching television, tends to slip down. Provision of an anti slip mattress can address this problem. As mentioned, typically due to the four way tilt of this bed, seamless shift of lying positions eases physical stress of the patients.

SAFETY & MAINTENANCE

The hydraulically operated system is technically more safe and maintenance free compared to their pneumatic counterparts, due to their ergonomic design and fewer mechanical parts. Also the energy consumption is far lesser in the hydraulic segment, making it a safe and economic option in the health care field.




MELLANAI

Health Care ●

Simple ●

Efficient ●

 +91 99625 10986

 superopulententerprises@gmail.com

SUPER OPULENT ENTERPRISES

“DIVYA SIMHA” 5A DSILVA ROAD,
MYLAPORE, CHENNAI 600 004
+91 44 2499 3752 / +91 99625 10986

Philanthropic Organisations & NGOs

Contact: +91 98409 37835

Health Care Providers & Hospitals

Contact: +91 99625 10986

Welcome
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