



## HEMOCARE HOSPITAL BED (ADJUSTABLE)

## Homecare Hospital Bed (Adjustable) - ToronCare™ 5086

ToronCare™ 5086 is an adjustable homecare hospital bed with full electric height control, raising the deck to a comfortable working level or lowering it close to the floor at the touch of a button. The frame travels from an ultra-low 240 mm to 640 mm, so a fall-prone patient can rest near floor level while a caregiver raises the bed to protect their back during care. Powered backrest, knee, and whole-bed tilt complete a positioning range built for long-term care.

As a height adjustable homecare bed, the ToronCare™ 5086 tackles two common safety problems at once: caregiver back injury from working at a fixed low height, and patient injury from falling out of a tall bed. A 240 kg (529 lb) safe working load gives a wide margin for larger patients and added equipment. Steel insert-type side rails guard against falls, while an optional stand-assist rail helps mobile patients get in and out of bed on their own.

Wooden head and foot boards and a quiet scissor-lift base give the bed a clean, residential profile for a home bedroom. Mounted on 75 mm braked castors, the ToronCare™ 5086 moves easily between rooms and suits home care, nursing homes, and long-term care facilities that need versatile, height-adjustable homecare hospital beds for bedridden and reduced-mobility patients.

### APPLICATIONS

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## Homecare Hospital Bed (Adjustable) - ToronCare™ 5086 Applications

The ToronCare™ 5086 suits patients who spend long periods in bed and benefit from frequent height changes and clinical positioning, standing among the more adaptable homecare beds for home and facility use.

- Fall-Risk and Dementia Care: the ultra-low 240 mm height places the patient close to the floor, reducing injury if they roll or climb out of bed.

- Caregiver-Intensive Home Care: full-height adjustment lets caregivers work at waist level, protecting their backs during washing, dressing, and transfers.
- Stroke and Cerebrovascular Recovery: Trendelenburg and reverse-Trendelenburg tilt support patients with altered cerebral blood flow under clinical guidance.
- Post-Surgical and Rehabilitation Recovery: backrest, knee, and tilt adjustments help patients rest, sit up, and rebuild lower-limb strength.
- Elderly and Geriatric Care: low entry height and an optional stand-assist rail help aging patients get in and out of bed safely.
- Bariatric and Heavy-Duty Use: a 240 kg (529 lb) safe working load accommodates larger patients and additional care equipment.
- Respiratory and Postural Drainage Support: tilt positioning assists drainage and breathing comfort when prescribed by a clinician.
- Nursing Homes and Long-Term Care Facilities: durable powered functions and a heavy-duty frame support continuous, multi-shift use.



# Standards

The ToronCare™ 5086 is designed to align with the international standards that govern electrical safety, medical bed performance, and entrapment prevention for adult medical beds. The manufacturer holds EN ISO 13485:2016 certification.

- ISO 13485 - Medical Devices: Quality Management Systems for Regulatory Purposes

## FEATURES

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### Homecare Hospital Bed (Adjustable) - ToronCare™ 5086 Key Features

The ToronCare™ 5086 centers on adjustability, pairing a wide electric height range with clinical tilt and a heavy-duty frame, each feature aimed at protecting both patient and caregiver.

- Electric Height Adjustment (240 to 640 mm): a powered scissor lift sets the bed at a low rest height or a raised care height, protecting caregivers from back strain and patients from falls.
- Ultra-Low 240 mm Floor Height: lowering the deck close to the floor reduces fall injury risk for restless, elderly, or dementia patients.
- Whole-Bed Tilt Up to 12°: head-down and head-up tilt support Trendelenburg and reverse-Trendelenburg positioning for circulation, drainage, and intracranial pressure management under clinical guidance.
- Powered Backrest to 70°: motorized backrest elevation supports upright rest, feeding, and reading while easing back and cardiopulmonary load.
- Powered Knee and Leg Bend to 30°: raising the knee section prevents sliding, relieves lower-back pressure, and supports lower-limb circulation.
- Multi-Function Handheld Remote: one controller drives backrest, knee, full-bed height, tilt, and the under-bed light for simple bedside operation.

- Optional Stand-Assist Side Rail: a swing-out grab rail helps mobile patients pull themselves up and transfer in and out of bed for independent rehabilitation.
- Steel Insert-Type Side Rails: firmly seated rails guard against accidental falls during turning and position changes.
- Under-Bed Night Light: a floor-level lamp lights the area for safe nighttime checks and transfers.
- 75 mm Braked Castors: quiet, wear-resistant swivel casters with reliable brakes and anti-tangle design provide stable, easy movement.
- Residential Wood Head and Foot Boards: finished panels give the bed a warm, home-like look rather than a clinical appearance.

## THEORY & METHOD

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### Theory and Method

Bed height shapes both caregiver and patient safety, and the two pull in opposite directions. A caregiver bending over a low bed to wash or turn a patient loads the lumbar spine and invites injury over time, so a working height near the waist is safer. A patient who falls from a tall bed drops farther and hits harder. The ToronCare™ 5086 resolves this with an electric scissor lift: the deck rises to 640 mm for care and lowers to 240 mm for rest, cutting fall distance close to the floor.

Tilting the whole bed changes how gravity acts on blood flow. A head-down tilt shifts blood toward the upper body and brain, which can support cerebral perfusion and assist postural drainage when a clinician directs it. A head-up tilt reverses the effect, easing pressure inside the skull and reducing swelling for some neurological patients. The ToronCare™ 5086 provides up to 12° of tilt in either direction, letting trained caregivers apply these positions precisely and return the bed to flat with one button.

Articulating the deck addresses comfort and circulation. Raising the backrest toward 70° opens the chest for easier breathing and supports eating and reading, while bending the knee section up to 30° keeps the body from sliding down and takes strain off the lower back. Elevating the legs encourages venous blood to return from the lower limbs and helps reduce swelling. A semi-recumbent position combines a raised backrest with slight knee flexion to balance comfort and pressure

relief during long periods in bed.

TECHNICAL SPECIFICATIONS

Homecare Hospital Bed (Adjustable) - ToronCare™ 5086 Technical Specifications

| Parameter                              | Specification                                            |
|----------------------------------------|----------------------------------------------------------|
| Overall Dimensions (side rails raised) | 2100 × 1010 × 240-640 mm (82.7 × 39.8 × 9.4-25.2 in)     |
| Height Range (deck)                    | 240 to 640 mm (9.4 to 25.2 in)                           |
| Side Rail Height Above Mattress        | 390 mm (15.4 in)                                         |
| Electric Backrest Angle                | 0 to 70°                                                 |
| Electric Knee / Leg Bend               | 0 to 30°                                                 |
| Whole-Bed Tilt                         | Up to 12° head-up and head-down                          |
| Safe Working Load                      | 240 kg (529 lb)                                          |
| Drive System                           | Electric linear actuators with scissor lift              |
| Control                                | Multi-function handheld remote                           |
| Side Rails                             | Steel insert-type (standard); stand-assist rail optional |
| Castors                                | Four 75 mm braked universal swivel casters               |
| Head and Foot Boards                   | Wood panel                                               |

# Companion Products

| Product                       | Description                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------------------|
| Static Anti-Bedsores Mattress | Static pressure-redistributing foam mattress that helps prevent pressure ulcers             |
| T-30 Mobile Overbed Table     | Height-adjustable rolling table that extends over the bed for meals, reading, or activities |



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