TORONTECH

TRANSFER STRETCHER (MANUAL) — TORONCARE™ 1170

Manual Transfer Stretcher

ToronCare™ 1170 is a high-quality manual transfer stretcher designed for general patient transport across hospital departments, emergency areas, diagnostic imaging suites, and procedure rooms. Purpose-built for the demands of everyday hospital stretcher use, the 1170 combines a durable scissor-lift height-adjustment mechanism, central-locking castor system, and a retractable 5th directional wheel to deliver reliable, controlled stretcher transportation throughout any acute care facility.

Constructed with a heavy-gauge aluminum alloy frame and a large, flat-surface bed board, the ToronCare™ 1170 hospital stretcher provides a stable and comfortable platform for patients during transport and short-duration clinical procedures. The manual crank height-adjustment mechanism is clearly marked with directional arrow symbols for intuitive operation by all clinical staff. The bed board can be transferred directly to an adjacent operating table or procedure platform by turning the crank, supporting efficient and low-lift patient handoffs.

The retractable aluminum rotary side rails can be laid flat alongside a neighboring surface to act as a transfer board for quick, safe patient lateral movement — a feature particularly valuable during emergency stretcher transport where every second counts. With a net weight of 92 kg, the ToronCare™ 1170 is a lightweight yet robust hospital bed stretcher well-suited for high-frequency use across all hospital departments in U.S. and Canadian healthcare facilities.

APPLICATIONS

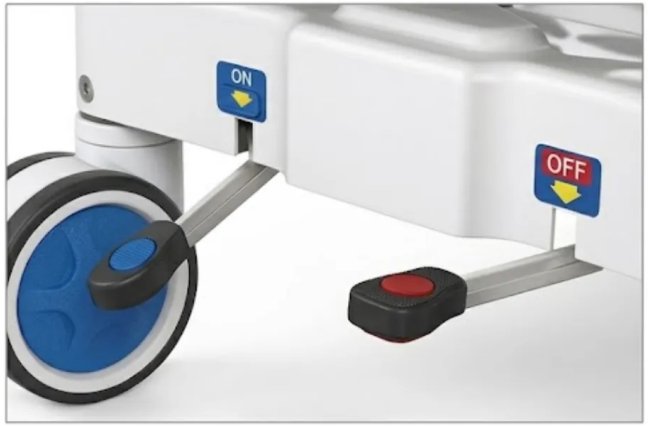
Transfer Stretcher (Manual) — ToronCare™ 1170 Applications

- General intra-hospital stretcher transport between wards, departments, and procedure rooms
- Emergency department patient transport — ideal as a hospital emergency stretcher for rapid patient movement
- Diagnostic imaging transport (X-ray, CT, MRI prep areas) where adjustable height and flat surface are required
- Pre-operative patient transport from hospital ward to surgical holding area

- Post-operative recovery transport from O.R. to PACU or ward
- Stretcher transportation in ambulatory surgery centers and outpatient procedure facilities
- Transfer stretcher for patients requiring direct lateral transfer to operating or procedure tables
- Replacement of aging hospital stretcher bed inventory with a modern, durable, and easily maintained platform

FEATURES

Transfer Stretcher (Manual) — ToronCare™ 1170 Key Features



- Manual scissor-lift crank height adjustment: height range 850 – 590 mm (bed board to ground), compatible with most operating and procedure table heights
- Clear directional arrow symbols on all crank controls — intuitive for all staff without training
- Central-lockable 360° swivel castors (Dia. 150 mm): single-pedal simultaneous locking of all four wheels
- Retractable 5th directional wheel for reduced steering effort and straight-line control during long-distance stretcher transportation
- Crank-operated direct bed board transfer to operating table or procedure platform — no patient lifting required
- Retractable aluminum alloy rotary side rails: fold flat to serve as a lateral transfer bridge for quick, safe patient transfers
- Large flat Bed Board dimension: 1880 × 555 mm — generous patient surface area
- Horizontal movement range of bed board: 0 – 400 mm for alignment flexibility with receiving surfaces
- Lightweight construction at 92 kg net weight — maneuverability without compromising structural integrity
- Standard accessory: IV pole

THEORY & METHOD

Theory and Method

The ToronCare™ 1170 uses a manual scissor-lift mechanism driven by a side-mounted crank handle. Turning the crank clockwise raises the bed board; counterclockwise lowers it. The scissor-lift geometry ensures even, parallel elevation of the entire bed platform across the full height range, maintaining patient stability throughout the height adjustment process. Color-coded arrow symbols on the crank mechanism provide unambiguous visual guidance for all staff levels, reducing the risk of operator error during stretcher transportation.

The central-lock castor system engages all four 360° swivel wheels via a single foot-pedal action, immobilizing the stretcher completely during patient loading, unloading, or bedside procedures. The retractable 5th directional castor deploys from the undercarriage to provide additional forward-tracking stability and reduce the steering effort needed during long-distance hospital stretcher transport through corridors and elevators.

When direct patient transfer to a table or bed is required, the aluminum rotary side rails fold flat alongside the adjacent surface, functioning as a rigid lateral transfer bridge. The crank is then used to advance the patient on the bed board horizontally across the aligned surfaces, enabling a controlled, no-lift transfer that minimizes risk to both patient and clinician.

TECHNICAL SPECIFICATIONS

Transfer Stretcher (Manual) — ToronCare™ 1170 Technical Specifications

Parameter	Specification
Model	ToronCare™ 1170

Parameter	Specification
Type	Manual Transfer Stretcher
Overall Dimension	2110 × 640 mm (L × W)
Height Range (Bed Board to Ground)	850 – 590 mm
Bed Board Dimension	1880 × 555 mm (L × W)
Horizontal Movement Range (Bed Board)	0 – 400 mm
Castor Diameter	150 mm, central-lockable 360° swivel
5th Wheel	Retractable, directional control
Side Rails	Aluminum alloy, rotary — foldable flat for transfer function
Height Adjustment	Manual crank, scissor-lift frame
Net Weight	92 kg
Standard Accessories	IV pole

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