TORONTECH

TRANSFER STRETCHER — TORONCARE™ 1110 B

Connecting Transfer Stretcher for Operation Room

ToronCare™ 1110 B is an enhanced-specification connecting transfer stretcher designed for operating room environments requiring the highest standards of patient safety, cross-infection control, and flexible patient positioning. Building on the same proven dual-zone docking architecture as the ToronCare™ 1110, the 1110 B adds a multifunctional rotary PP side-rail system that doubles as a flat transfer board — making it one of the most versatile hospital stretcher platforms available for U.S. and Canadian surgical facilities.

Like its counterpart, the ToronCare™ 1110 B operates as a paired system: Stretcher A remains in the sterile operating room environment while Stretcher B occupies the non-sterile corridor zone. Height-matched at the same level, the two units auto-connect and lock, enabling the patient on Bed Board C to slide laterally across the seamless joined surface without lifting. This hospital emergency stretcher capability dramatically reduces transfer time, minimizes staff strain, and supports strict infection prevention protocols.

The distinguishing feature of the ToronCare™ 1110 B is its multifunctional rotary PP side rails. These rails can be laid flat on an adjacent bed or surface to serve as an arm board for IV administration, supporting the patient's arm at a horizontal level. This integrated clinical utility makes the ToronCare™ 1110 B particularly well-suited for anesthesia preparation areas, PACU, and surgical day-care environments where medical stretcher transport and IV access must happen simultaneously.

APPLICATIONS

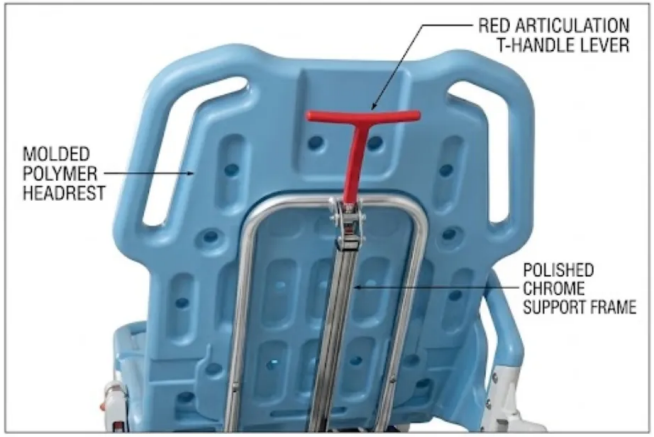
Transfer Stretcher — ToronCare™ 1110 B Applications

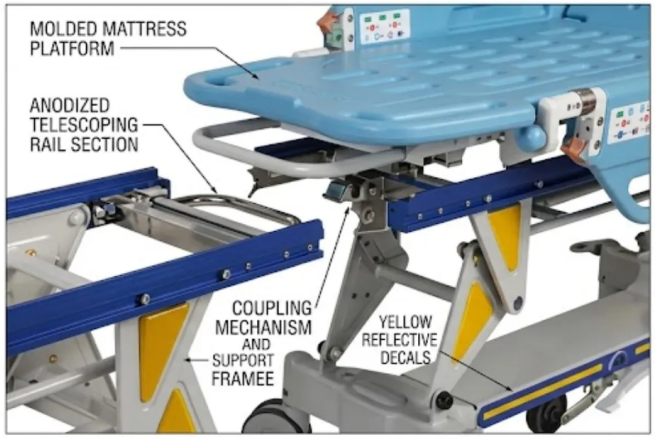
- Operating room patient transfer with strict sterile/non-sterile zone separation
- Surgical suites requiring simultaneous stretcher transport and IV/anesthesia access
- Pre-operative preparation areas where arm-board positioning is required during transit
- Post-anesthesia care units (PACU) — patient transport to and from recovery

- Hospital emergency stretcher use in cardiac, orthopedic, and neurosurgery departments
- Ambulatory surgery centers needing flexible, multi-function hospital stretcher bed capability
- Any clinical setting prioritizing both infection control and integrated IV/medication delivery during stretcher transportation

FEATURES

Transfer Stretcher — ToronCare™ 1110 B Key Features





- Dual-zone infection control architecture: Stretcher A (sterile O.R.) + Stretcher B (non-sterile corridor) — prevents cross-contamination during patient handoff
- Automatic mechanical docking: height-matched stretchers push together and lock without manual latching
- Lateral patient transfer on Bed Board C: patient slides without lifting, reducing handling risk for staff and patients
- Multifunctional rotary PP side rails: can be laid flat horizontally on an adjacent surface to function as a clinical arm board for IV or medication administration
- Central-lockable 360° swivel castors (Dia. 150 mm): simultaneous wheel lock for safe stationary positioning
- Retractable 5th wheel for precision directional control during stretcher transportation in hospital corridors
- Manual scissor-lift crank: stepless height range from 913 mm to 665 mm (bed board C to ground)
- Backrest adjustable 0° to 85° for flexible patient positioning during transport and clinical procedures
- Extended Bed Board C (1962 × 678 mm) for additional patient surface area
- Standard accessories: mattress and IV pole

THEORY & METHOD

Theory and Method

The ToronCare™ 1110 B uses the same zone-separation docking method as the ToronCare™ 1110. The manual crank raises or lowers the scissor-lift frame to match Stretcher B's height to Stretcher A. The two units are pushed together and auto-lock, forming a continuous transfer surface. Bed Board C slides laterally across the gap-free joint, completing the patient transfer without lifting.

The enhanced side-rail system introduces a rotary mechanism: rather than simply retracting vertically into the undercarriage, the rails rotate outward and lay flat horizontally. In this flat position they extend alongside an adjacent surface (bed, operating table, or trolley) at horizontal level, providing a firm, stable platform for placing the patient's arm during IV cannulation, blood pressure monitoring, or anesthetic drug administration. This dual functionality — safety rail during transport, clinical platform during treatment — reduces the need for separate arm-board accessories and streamlines the medical stretcher transport workflow in space-constrained O.R. environments.

The retractable 5th castor and central-lock 360° swivel system operate identically to the ToronCare™ 1110, ensuring reliable stretcher transportation control in all directions.

TECHNICAL SPECIFICATIONS

Transfer Stretcher — ToronCare™ 1110 B Technical Specifications

Parameter	Specification
Model	ToronCare™ 1110 B
Type	Connecting Transfer Stretcher for Operation Room

Parameter	Specification
Overall Dimension (Connected)	3870 × 678 mm (L × W)
Height Range (Bed Board C to Ground)	913 – 665 mm
Bed Board C Dimension	1962 × 678 mm (L × W)
Backrest Angle	0° – 85°
Castor Diameter	150 mm, central-lockable 360° swivel
5th Wheel	Retractable, for directional control
Side Rails	Multifunctional rotary PP — foldable flat to serve as arm board
Height Adjustment	Manual crank, scissor-lift frame
Net Weight	130 kg
Standard Accessories	Mattress, IV pole

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