

TRANSFER STRETCHER (ADVANCED) — TORONCARE™ 1140 A



Manual Transfer Stretcher

ToronCare™ 1140 A is an advanced manual transfer stretcher that extends the proven ToronCare™ 1140 platform with enhanced backrest articulation indicators and gas-spring-controlled retractable PP side railings, providing a highly functional hospital stretcher bed for facilities requiring precision patient positioning combined with seamless transfer capability.

A key differentiating feature of the ToronCare™ 1140 A is the angle indicator system: fixed under both sides of the backrest section, these indicators display exact backrest elevation angles at a glance, enabling clinical staff to precisely position patients during stretcher transport to operating rooms, imaging suites, or procedure areas. This is particularly valuable for patients with respiratory compromise, spinal injuries, or post-surgical positioning requirements.

The damping PP retractable side railings are controlled by gas spring — the same technology used in premium surgical O.R. tables — ensuring that the rails lower smoothly and retract flush under the bed board surface without impact or noise. This creates a gap-free, seamless contact surface with adjacent operating tables or hospital beds, enabling safe lateral patient transfer without any lift. At 75 kg net weight, the ToronCare™ 1140 A is an ideal medical stretcher transport platform for general wards, emergency departments, and surgical areas across U.S. and Canadian healthcare settings.

APPLICATIONS

Transfer Stretcher (Advanced) — ToronCare™ 1140 A

- Clinical environments requiring precise, documented patient positioning during stretcher transportation
- Respiratory, cardiac, and post-surgical patients where backrest angle must be monitored and maintained during transport
- Operating room patient transfer requiring flush-contact, gap-free lateral transfer from stretcher to O.R. table
- Emergency department use as a hospital emergency stretcher with rapid, one-operator side-rail management
- Hospitals and ambulatory centers requiring premium-feel hospital stretcher performance in a manual platform

- Patient transport in neurology, spine, and orthopedic units where precise angle positioning is clinically mandated
- Facilities upgrading their hospital bed stretcher inventory to standards-compliant, ergonomic designs



FEATURES

Transfer Stretcher (Advanced) — ToronCare™ 1140 A Key Features



- Angle indicators fixed under both sides of the backrest — precise, visual angle readout during patient positioning and stretcher transport
- Gas-spring-controlled damping PP retractable side railings — controlled, smooth retraction flush under the bed board for seamless docking
- Seamless gap-free connection with operating table or hospital bed — enables direct, no-lift lateral patient transfer
- Manual scissor-lift crank height adjustment: 860 – 505 mm range (bed board to ground)
- Backrest adjustable 0° to 85° with precise angle indicators on both sides for clinical positioning accuracy
- Central-lockable 360° swivel castors (Dia. 150 mm): all-wheel simultaneous lock
- Retractable 5th wheel for directional steering control during stretcher transportation in hospital corridors
- Large Bed Board dimension: 1903 × 650 mm
- Lightweight at 75 kg — ideal for daily high-frequency hospital stretcher use
- Standard accessories: mattress, IV pole

THEORY & METHOD

Theory and Method

ToronCare™ 1140 A employs a manual crank-driven scissor-lift mechanism for height adjustment from 860 to 505 mm (bed board to ground). The crank drive provides smooth, stepless elevation through the full height range, maintaining patient stability at all positions.

The angle indicator system consists of graduated angle scales fixed bilaterally beneath the backrest articulation joint. As the backrest is raised or lowered, a corresponding pointer tracks the angle, providing direct visual feedback without the need for a separate goniometer or estimation. This ensures documentation-quality accuracy for position-sensitive patient transport.

The gas-spring-controlled PP side railings retract under the bed board surface by compressing the spring mechanism — a controlled, damped motion that prevents sudden drops or impact forces. In the retracted position, the rail surface is flush with the underside of the bed board, enabling the ToronCare™ 1140 A to dock directly against operating tables or beds

without any gap, allowing the patient to slide laterally in a single controlled movement. On release, the gas spring returns the rail to its upright safety position automatically.

TECHNICAL SPECIFICATIONS

Transfer Stretcher (Advanced) — ToronCare™ 1140 A Technical Specifications

Parameter	Specification
Model	ToronCare™ 1140 A
Type	Manual Transfer Stretcher
Overall Dimension	2067 × 713 mm (L × W)
Height Range (Bed Board to Ground)	860 – 505 mm
Bed Board Dimension	1903 × 650 mm (L × W)
Backrest Angle	0° – 85°
Backrest Angle Indicators	Fixed bilateral angle display under backrest section
Castor Diameter	150 mm, central-lockable 360° swivel
5th Wheel	Retractable, directional control
Side Rails	Damping PP, gas-spring controlled, retractable under bed board
Height Adjustment	Manual crank, scissor-lift frame
Net Weight	75 kg

Parameter	Specification
Standard Accessories	Mattress, IV pole



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