TORONTECH

# TRANSFER STRETCHER — TORONCARE™ 1120

# Connecting Transfer Stretcher for Operation Room

ToronCare™ 1120 is a robust, full-featured connecting transfer stretcher designed for operating rooms and surgical facilities requiring efficient, hygienic patient transfer between sterile and non-sterile zones. As part of the ToronCare™ connecting stretcher series, the 1120 provides the same proven dual-zone infection control architecture, with the added capability of a direct transfer pathway from stretcher to operating table or surgical platform — a critical requirement for high-volume surgical programs.

The system pairs a sterile-zone Stretcher A (inside the O.R.) with a non-sterile Stretcher B (outside). When both are adjusted to matching heights using the manual crank and pushed together, they automatically connect and lock. The patient, along with Bed Board C, can then be transferred directly to the adjacent operating table or procedure platform simply by turning the crank — eliminating the need for an additional lift and reducing the total number of patient transfers during a surgical episode.

Designed with hospital emergency stretcher demands in mind, the ToronCare™ 1120 incorporates a heavy-duty scissor-lift frame accommodating height ranges from 925 to 585 mm, centrally-lockable 360° swivel castors, a retractable 5th wheel for corridor navigation, and retractable aluminum rotary side rails for transfer board functionality. With a net weight of 151 kg and a generous Bed Board C, the ToronCare™ 1120 is built for demanding clinical environments with frequent stretcher transportation needs.

## APPLICATIONS

# Transfer Stretcher — ToronCare™ 1120 Applications

- High-volume operating room environments requiring direct stretcher-to-table patient transfer
- Connecting transfer workflows in general surgery, orthopedics, urology, and gynecology O.R. suites
- Medical stretcher transport in facilities with strict sterile-zone access control protocols

- Pre-operative patient holding areas where stretcher transport to operating room must be rapid and controlled
- Hospital stretcher bed replacement programs in surgical facilities upgrading from conventional non-connecting systems
- Any facility requiring direct transfer from a hospital stretcher to operating table without additional patient lifting
- IV-access and arm-support requirements during stretcher transportation (via retractable side rail transfer board function)

## FEATURES

# Transfer Stretcher — ToronCare™ 1120 Key Features

- Dual-zone infection control: Sterile Stretcher A (O.R.) and non-sterile Stretcher B (corridor) prevent cross-contamination
- Automatic docking and locking mechanism — no manual latching required when stretchers are height-matched and pushed together
- Crank-driven direct transfer: patient on Bed Board C can be transferred directly to operating table or procedure platform by turning the crank
- Retractable aluminum rotary side rails: fold flat alongside adjacent surfaces to function as a transfer board for patient arm support or quick lateral transfer
- Central-lockable 360° swivel castors (Dia. 150 mm): simultaneous all-wheel locking via single foot pedal
- Retractable 5th directional wheel for precise steering during stretcher transportation in hospital corridors
- Manual scissor-lift crank: height range 925 – 585 mm for compatibility with a wide range of operating table heights
- Horizontal movement range of Bed Board C: 0 – 400 mm for transfer alignment flexibility
- Large Bed Board C (1880 × 556 mm) for patient comfort during transport and transfer
- Net weight 151 kg — heavy-duty construction for high-frequency clinical use
- Standard accessory: IV pole

## THEORY & METHOD

# Theory and Method

The ToronCare™ 1120 follows the same dual-zone docking method used across the connecting stretcher series: height-matching of Stretcher A and B via the manual crank, automatic locking of the docking interface when pushed together, and lateral patient transfer on Bed Board C without lifting.

A key operational enhancement in the 1120 is its crank-driven direct transfer capability. Once Bed Board C is loaded with the patient, rotating the crank can advance the board directly onto an operating table or procedure platform positioned flush with the stretcher. This is particularly efficient in operating theaters where the stretcher is aligned perpendicular to the O.R. table, allowing seamless horizontal transfer without additional staff or sliding boards.

The aluminum alloy rotary side rails can be flattened alongside an adjacent surface to function as a transfer board, supporting the patient's arm or providing a bridge surface during transfer. The retractable 5th directional castor and central-lock system ensure the stretcher remains precisely positioned during all phases of the transfer process.

## TECHNICAL SPECIFICATIONS

# Transfer Stretcher — ToronCare™ 1120 Technical Specifications

| Parameter | Specification |
|---|---|
| Model | ToronCare™ 1120 |
| Type | Connecting Transfer Stretcher for Operation Room |
| Overall Dimension (Connected) | 3875 × 840 mm (L × W) |

| Parameter | Specification |
|---|---|
| Height Range (Bed Board C to Ground) | 925 – 585 mm |
| Horizontal Movement Range (Bed Board C) | 0 – 400 mm |
| Bed Board C Dimension | 1880 × 556 mm (L × W) |
| Castor Diameter | 150 mm, central-lockable 360° swivel |
| 5th Wheel | Retractable, directional control |
| Side Rails | Aluminum alloy, rotary — foldable flat for transfer board function |
| Height Adjustment | Manual crank, scissor-lift frame |
| Net Weight | 151 kg |
| Standard Accessories | IV pole |

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