



DIALYSIS CHAIR (ELECTRIC)

Dialysis Chair (Electric) - ToronCare™ 1000D

ToronCare™ 1000D electric hemodialysis chair gives nursing staff full-range power positioning and gives patients pressure-relieving comfort through treatment sessions that often run four hours or longer. Independent electric actuators drive the backrest, leg-rest, and overall chair height, so one caregiver can move a patient into treatment posture, emergency-flat posture, or a relaxed resting position without manual cranking or physical strain. The chair suits hemodialysis units, nephrology departments, and outpatient renal clinics across hospitals and dedicated dialysis centers.

Beyond hemodialysis, the ToronCare™ 1000D supports bed-rest monitoring during peritoneal dialysis, plasma exchange, and immunoadsorption therapy, and it accommodates elderly, obese, and critically ill patients who need extra stability and access. A hand-held controller lets patients fine-tune their own position, while a synchronized backrest-leg-rest linkage keeps posture changes smooth and avoids pulling or misaligning the patient's body during frequent turnover between sessions.

Procurement teams choose the ToronCare™ 1000D to reduce nursing workload and standardize treatment posture across busy dialysis floors. Medical-grade antibacterial upholstery, a reinforced anti-tipping base, and a compact reclining footprint help hospitals fit more chairs into existing nephrology department space while keeping surfaces easy to disinfect between patients.

APPLICATIONS

Dialysis Chair (Electric) - ToronCare™ 1000D Applications

The ToronCare™ 1000D fits clinical settings that need stable, adjustable patient positioning for treatments lasting several hours, along with fast reconfiguration for emergency response.

- Routine Hemodialysis Treatment: supports patients through multi-hour in-center sessions with adjustable backrest, leg-rest, and height settings for consistent treatment posture

- Peritoneal Dialysis Bed-Rest Monitoring: provides a stable reclining surface for supervised rest periods between exchanges
- Plasma Exchange and Immunoabsorption Therapy: accommodates extended apheresis sessions where patient stillness and vascular access matter
- Care for Elderly, Obese, and Edematous Patients: wide seating, a 150 kg safe load rating, and independent leg-rest lift accommodate patients who need extra support during treatment
- Emergency Rescue in Nephrology Departments: one-click whole-chair recline and manual CPR backrest lowering support rapid response to intradialytic complications
- Renal Function Re-Examination and Pre-Puncture Waiting: serves short-duration outpatient visits in nephrology clinics where quick turnover between patients matters
- Multi-Chair Dialysis Center Layouts: a compact folded footprint allows closer chair spacing without crowding nursing walkways



FEATURES

Dialysis Chair (Electric) - ToronCare™ 1000D Key Features

The ToronCare™ 1000D combines independent electric positioning, pressure-relief materials, and clinical safety systems built for high-volume dialysis floors.

Electric Positioning and Control

- Independent Electric Backrest, Leg-Rest, and Height Adjustment: lets one caregiver reposition a patient through dialysis, emergency-flat, and relaxing postures without manual effort, cutting physical strain on nursing staff
- Synchronized Back-Leg Linkage: moves the backrest and leg-rest together for smooth posture transitions that avoid pulling or misaligning the patient during frequent turnover
- One-Click Standard Position Reset: returns the chair to standard treatment posture in a single step, supporting high-volume batch treatment scheduling
- One-Click Whole-Chair Recline: tilts the entire chair back to relieve dizziness and fatigue during treatment, improving patient comfort without repeated manual adjustment
- Backrest Recline from -10° to 70°: switches between dialysis treatment posture, fully flat emergency posture, and relaxing posture with stable, jitter-free motion suited to long-duration sessions
- Independent Leg-Rest Lift: raises swollen or stiff lower limbs to support circulation and relieve soreness and venous congestion from prolonged sitting
- Whole-Seat Height Adjustment: adjusts overall seat height electrically to align with exam beds and work surfaces, reducing bending motions for nursing staff during patient transfer
- Water-Proof Hand-Held Controller: gives patients medical-grade push-button control to fine-tune their own position, with a surface that wipes clean and disinfects easily between uses

Patient Comfort and Pressure Care

- Medical-Grade Antibacterial Upholstery: pairs high-resilience antibacterial foam with antibacterial PU covering to resist microbial growth across repeated daily use
- Ergonomically Zoned Pressure Support: disperses body weight evenly to reduce pressure sores and stiffness during treatment sessions lasting four hours or longer
- Serpentine Spring Seat Suspension: maintains consistent shock-absorbing performance without long-term sagging, preserving comfort over years of daily dialysis use
- Detachable Ergonomic Headrest: adjusts vertically to support the neck for patients of different statures and reduce cervical strain, with an antibacterial, waterproof cushion that detaches for separate cleaning
- Wide Anti-Slip Footrest: moves synchronously with the leg-rest to keep feet secure for patients with edema or limited mobility, preventing slipping during position changes

Clinical Safety and Emergency Response

- Manual Emergency Backrest Lowering: flattens the backrest by hand during a power failure to keep emergency treatment options available and remove the clinical risk of a stuck chair
- Manual CPR Emergency Backrest Lowering: drops the backrest into a Trendelenburg, head-lower-than-feet layout to help circulation and provide timely relief for anemic patients during emergencies
- Anti-Tipping Reinforced Base: uses a widened, thickened steel chassis to deliver high stability against overturning
- Motor Overload Protection: stops the motors automatically when they meet resistance during adjustment, preventing pinching injuries
- Full-Surround Rounded-Corner Design: eliminates sharp edges across the entire chair to reduce bump and injury risk during close-quarters clinical work
- Disinfection-Resistant Construction: finishes the steel frame with anti-corrosion powder coating and stain-proof upholstery that can be wiped directly with medical-grade alcohol or chlorine-based disinfectants between patients

Accessories and Mobility

- Outward-Flipping Armrests: pivot outward for easier chair access for elderly, obese, or paralyzed patients, lowering nursing-related transfer risks

- Rear-Flip Armrests: fold backward on both sides to open lateral working space for puncture, vital-sign monitoring, and emergency rescue procedures
- Reserved IV-Pole Receptacles: provide mounting holes on both sides of the chair for quickly installing a telescopic IV stand during fluid or blood transfusion
- Recessed Rear Push Handle: gives staff a stable, rounded grip for relocating the chair without sharp-edge injury risk
- Single-Foot Brake System: locks or releases all casters with one foot action, keeping the chair stable during treatment while allowing easy repositioning for cleaning
- Silent Swivel Casters: roll quietly to avoid disturbing treatment, resist disinfectant corrosion, and lock completely during dialysis sessions

TECHNICAL SPECIFICATIONS

Dialysis Chair (Electric) - ToronCare™ 1000D Technical Specifications

Parameter	Specification
Overall Dimension (Folded)	L1370 × W795 × H1270 mm (±10 mm)
Overall Dimension (Fully Reclined)	L1950 × W795 × H700 mm (±10 mm)
Backrest Tilt Range	-10° to 70° (±5°)
Leg-Rest Tilt Range	7° to -65° (±5°)
Seat Height from Ground	450 to 650 mm
Armrest Height	670 mm
Armrest Vertical Adjustment Range	0° to 110° (±10°)
Armrest Horizontal Outward-Flip Range	0° to 20° (±5°)

Parameter	Specification
Safe Load-Bearing Capacity	150 kg
Caster Diameter	100 mm

Accessories

Item	Description
Hand-Held Controller	Water-proof medical-grade push-button controller for independent patient position adjustment
IV-Pole Receptacles	Reserved mounting holes on both sides for a telescopic IV stand
Rear Push Handle	Recessed, rounded handle on the backrest for stable relocation
Headrest	Detachable, height-adjustable, antibacterial and waterproof
Footrest	Wide, anti-slip, moves synchronously with the leg-rest
Casters	Four silent swivel casters with single-foot brake system



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

