

HOSPITAL BASSINET (PREMIUM)



Hospital Bassinet (Premium) - ToronCare™ 6800

ToronCare™ 6800 premium hospital newborn bassinet brings full positioning control to maternity and obstetrics units, combining two-way tilt, adjustable height, and a clear acrylic basin in one mobile unit. A spring-loaded column raises and lowers the bed and tilts it up to 11 degrees in either direction, so caregivers position the infant for feeding, reflux relief, or examination. The transparent PMMA basin gives an unobstructed view of the baby and resists scratching with daily use. A foot-pedal brake keeps the unit firm to park.

Designed for the obstetrics and gynecology ward, the ToronCare™ 6800 keeps the newborn at the mother's side while giving staff precise control over height and angle. Separate hand wrenches set the tilt and the lift, and a spring system holds each position once the lock is released and reset. The height adjusts between 840 and 970 mm, bringing the infant to a comfortable working level for seated or standing care. An under-frame protective grille and a base platform add safe storage for supplies.

Two-way tilt, adjustable height, and a scratch-resistant acrylic basin make the ToronCare™ 6800 the top model in the ToronCare™ line. Qualitest supplies it for hospitals, maternity centers, and obstetrics units that want full positioning control in a mobile newborn bed.

APPLICATIONS

Hospital Bassinet (Premium) - ToronCare™ 6800 Applications

The ToronCare™ 6800 premium hospital newborn bassinet fits clinical settings that need precise infant positioning along with easy mobility.

- Obstetrics and Gynecology Wards: holds the newborn at the mother's bedside with full control over height and tilt for feeding and recovery.
- Maternity and Postpartum Units: two-way tilt and adjustable height support feeding, reflux relief, and comfortable rest.
- Newborn Nurseries: positions each infant at a convenient height for grouped care and routine monitoring.
- Labor and Delivery Suites: receives the baby after birth and moves with the mother to recovery.
- Postnatal Examination Stations: tilt and height adjustment present the infant for diapering, dressing, and clinical checks.
- Intra-Hospital Infant Transport: braked casters allow quiet, controlled movement between rooms with a step-on, step-off pedal.
- Neonatal Observation Areas: a clear acrylic basin gives full visibility for stable newborns under routine watch, rather than intensive care.



Standards

The ToronCare™ 6800 is designed and built to align with the international safety and construction standards that apply to infant bassinets and clinical furniture.

- ASTM F2194 - Standard Consumer Safety Specification for Bassinets and Cradles
- 16 CFR Part 1218 - Safety Standard for Bassinets and Cradles (U.S. CPSC)
- EN 1130 - Children's Furniture, Cribs: Safety Requirements and Test Methods
- ISO 13485 - Medical Devices, Quality Management Systems: Requirements for Regulatory Purposes
- ASTM A500 - Standard Specification for Cold-Formed Welded Carbon Steel Structural Tubing

FEATURES

Hospital Bassinet (Premium) - ToronCare™ 6800 Key Features

The ToronCare™ 6800 offers the fullest positioning and material set in the ToronCare™ range.

- Two-Way Tilt ($\pm 11^\circ$): tilts the basin head-up or head-down for reflux relief, comfort, and clinical positioning, holding the angle steady.
- Spring-Assisted Height Adjustment (840 to 970 mm): raises and lowers the bed smoothly with a hand wrench to suit seated or standing caregivers.
- Clear PMMA Acrylic Basin: gives high optical clarity and scratch resistance for a lasting, unobstructed view of the newborn.
- ABS Support Cradle: cushions the basin and stands up to daily handling.
- Foot-Pedal Brake: step-on, step-off braking locks the casters for a secure, stable position.
- Under-Frame Protective Grille: adds a guarded lower frame with a base platform for storing supplies.

- Quiet Operation (under 50 dB): noiseless casters and damped controls keep the ward calm during movement and adjustment.

THEORY & METHOD

Theory and Method

The ToronCare™ 6800 puts position control in the caregiver's hands through a spring-loaded column and two release wrenches. One wrench frees the tilt, the other frees the lift, and a compression spring carries the load so the bed moves smoothly rather than dropping under its own weight. Releasing a wrench unlocks the motion, and setting it again locks the bed at the chosen height or angle. Because the spring damps the action, a single caregiver can raise, lower, or tilt the bed in a controlled way.

Tilt runs both ways, up to 11 degrees in each direction. Raising the head end uses gravity to help reduce milk reflux and ease breathing, while lowering it supports clinical positioning when a care team needs the head below the feet. A flat setting returns the basin to a level sleeping surface. This two-way range gives more positioning options than a single head-up tilt, which suits the varied needs of an obstetrics ward.

The basin is molded from PMMA (poly(methyl methacrylate), or acrylic), a glass-clear plastic with high optical clarity and surface hardness, so it stays transparent and resists scratching through repeated cleaning. An ABS support cradle holds the basin and absorbs handling shocks. The frame uses welded steel tube that combines structural carbon steel with 304-grade stainless for strength and corrosion resistance, and it carries the bed on four casters with a foot-pedal brake for stable parking.

TECHNICAL SPECIFICATIONS

Hospital Bassinet (Premium) - ToronCare™ 6800 Technical Specifications

Parameter	Specification
Overall Dimensions (L × W × H)	880 × 515 × 840-970 mm (34.6 × 20.3 × 33.1-38.2 in), ±10 mm
Height Adjustment	840 to 970 mm (33.1 to 38.2 in), spring-assisted hand wrench
Tilt Range	±11° (two-way), spring-assisted
Basin Dimensions (L × W × H)	865 × 515 × 250 mm (34.1 × 20.3 × 9.8 in)
Basin Material	PMMA (acrylic)
Basin Support	ABS
Frame Material	Welded steel tube (structural carbon steel + 304 stainless steel)
Casters	4 × swivel casters with foot-pedal brake
Safe Working Load	200 N (≈20 kg)
Maximum Infant Weight	10 kg (22 lb)
Noise Level	< 50 dB(A)
Operating Temperature	-5°C to 40°C (23°F to 104°F)
Relative Humidity	≤ 85%
Atmospheric Pressure	86 kPa to 106 kPa
Power Requirement	None (spring and manual operation)



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