

Pediatric Pulse™ Algorithm

sizewise.com 800-814-9389

WHEN TO USE PEDIATRIC PULSE

Weight Range: 1.6 lbs. to 100 lbs. (0.73 kgs to 45.4 kgs)

Contraindications

Braden Q Scale™ ≤ 16

Stage 1-4 or Unstageable pressure injuries, or Deep Tissue Injuries

Tissue Perfusion and Oxygenation

- Low Birth Weight
- Preterm
- Vent-Supported
- Hypotensive or Pressure Support Needed
- CPAP

If less than 1.6 lbs. (0.73 kgs) or greater than 100 lbs. (45.4 kgs) and/or unstable spine

Soothing comfort ideal for nonpharmacological treatment of Neonatal Abstinence Syndrome (NAS)



Pediatric Pulse™

- 100 lbs. capacity
- Adjustable pulsation cycle: 3-20 minutes
- Passive massage action to aid in the increase of capillary blood flow
- Lockout controls
- Power failure/Low pressure audible and visual alarms
- CPR Emergency Feature
- Vapor-permeable, low-friction, and anti-shear top cover
- Customized to fit virtually any hospital crib

References:

Noonan, C., Quigley, S., & Curley, M. A. Q. (2011). Using the Braden Q Scale to Predict Pressure Ulcer Risk in Pediatric Patients. *Journal of Pediatric Nursing*, 26(6), 566-575.
Schumacher, B., Askew, M., & Otten, K. (2012). Development of a pressure ulcer trigger tool for the neonatal population. *Journal of Wound, Ostomy and Continence*, 39(6), 1-5.
Turner, J., Demniak, C. Thinking Outside the Box: Use of Low Air Loss in the Neonatal and Pediatric Population. Poster session presented at WOCN Society & CAET Joint Conference, Montréal, Québec, Canada, June 2016.

PRD-0039C-0318 This algorithm provides a guideline for use; facilities should use their own clinical discretion, as well as facility-based protocols, when determining best use practices.