

# Medtronic

## With you from the beginning of every NICU stay.

As your neonatal respiratory partner, Medtronic puts neonates in the center of our product designs and educational materials – all to inform and support you in your commitment to care for the tiniest and most fragile patients.



### Stay ahead.

We help you stay ahead of patient spiral by keeping you thoroughly informed.

**Nellcor™ pulse oximetry** gives moment-to-moment updates for AsBsDs tracking and labor and delivery resuscitation protocols<sup>1</sup>

**INVOS™ 7100 regional oximetry** offers non-invasive real-time monitoring of perfusion and oxygenation, giving a “first alert”<sup>2</sup>

**Microstream™ 35 capnography** tracks hyperventilation during procedures like cooling to monitor for additional ischemic threats<sup>3</sup>

### Stop complications.

We arm you with insights to help recognize, manage, and prevent common complications.

**SonarMed™ airway monitoring system** recognizes endotracheal tube occlusions to inform suctioning frequency and tracks tube movement to signal adjustments and help prevent unplanned extubations

Patient Monitoring systems should not be used as the sole basis for diagnosis or therapy and are intended only as adjuncts in patient assessment.

1. Khoury R, Klinger G, Shir Y, Osovsky M, Bromiker, R. Monitoring oxygen saturation and heart rate during neonatal transition: comparison between two different pulse oximeters and electrocardiography. *J Perinatol.* 2021;41(4):885-890.
2. Lu Y, Di M, Li C, Chen M, Yuan K, Shanguan W. Comparing the response of pulse oximetry and regional cerebral oxygen saturation to hypoxia in preschool children. *Exp Ther Med.* 2020;19(1):353-358.
3. Afzal B, Chandrasekharan P, Tancredi DJ, RUssell J, Steinhorn RH, Lakshminrusimha S. Monitoring gas exchange during hypothermia for hypoxic-ischemic encephalopathy. *Pediatr Crit Care Med.* 2019;20(2): 166-171

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### Deliver just the right amount.

We create opportunities to deliver more precise care with technologies that are responsive, customizable, and miniaturized for your littlest patients.

**Puritan Bennett™ 980 ventilator** focuses on lung protection even in the presence of leaks with **NeoMode 2.0** and **NIV+ software** providing accurate delivery in INV and actual delivered pressure in NIV

**Carpediem™ Cardio-Renal Pediatric Dialysis Emergency Machine** delivers continuous renal replacement therapy (CRRT) for patients weighing 2.5 to 10 kgs

Get a closer look at how our technologies helped support five premature infants and the NICU staff caring for them.



Experience these moving stories at [medtronic.com/NICU](https://medtronic.com/NICU)