



Delivering the Best in Newborn Care

Bon Secours offers newborn brain cooling therapy.

Bon Secours is a leader in neonatal care. We combine state-of-the-art technology with compassionate care to deliver healthy and happy babies. We are constantly striving to provide new and better treatment options to ensure that every baby has the best chance for a healthy start.



That's why Bon Secours now offers newborn brain cooling therapy. As many as four out of every 1,000 infants can benefit from this treatment. Previously, there was no successful treatment available for newborns that experienced a lack of oxygen during labor and delivery. Bon Secours' neonatologists use specialized equipment adapted for newborns to circulate cold water through a blanket, which reduces the baby's core body temperature over 72 hours. Timing is crucial as the treatment needs to be initiated within six hours after birth. Our experienced neonatal team monitors the newborn with amplitude integrated electroencephalogram (aEEG) and neurological exams before, during and after the procedure.

Studies have shown that cooling the brain will induce a mild state of hypothermia that can prevent or reduce the risk of brain damage. When the brain and body are cooled, less energy is needed for brain function, which minimizes brain injury.

This is all part of our goal to provide the most advanced care for children.

Bon Secours' comprehensive children's services include:

- State-of-the-art neonatal intensive care units (NICU)
- Neonatology onsite 24/7
- BonSecoursNICU.net
- At St. Mary's in Richmond, our Bon Secours children's referral center
 - Pediatric intensive care unit (PICU)
 - Pediatric-specialty emergency department
 - Pediatricians in the hospital 24/7
 - [The region's best pediatric specialists](#)

