

Newborn Services

# Neonatology



The Johnson Center for Pregnancy and Newborn Services at Lucile Packard Children's Hospital Stanford has a long and robust history of providing coordinated care for mother and baby. We provide obstetric, perinatal genetic, fetal, fertility, perinatal biology and neonatology services all in one location. Our comprehensive care programs offer a framework for research and innovation.

Our Fetal and Pregnancy Health Program provides multidisciplinary complex fetal care, including novel diagnostic modalities, comprehensive consultation, fetal treatment, complex delivery planning and coordinated neonatal care.

Our NICU includes "virtual" specialty care areas, including: our NeuroNICU, which provides leading-edge care and monitoring for infants at high risk for brain injury; our Nest, delivering multidisciplinary clinical and developmental care for the smallest premature infants; and our CRIB program, a multidisciplinary team devoted to the care of infants with bronchopulmonary dysplasia. We also provide enhanced care for infants through point-of-care ultrasound, and we offer catheter-based occlusion for patent ductus arteriosus.

# Contact and referral information

To learn more, please visit **neonatology.stanfordchildrens.org.**To refer an inpatient, you can contact our Transfer Center at: (650) 723-7342.

## **Our Locations**

In addition to our level IV and level II NICUs on our main campus, we have partnered with hospitals across Northern California to create a network of extraordinary neonatal intensive care within regional communities.

#### Our nurseries include:

- Level III Neonatal Intensive Care Unit at Dominican Hospital Santa Cruz
- Level III Neonatal Intensive Care Unit at Salinas Valley Memorial Hospital Salinas
- Level II Special Care Nursery at Sequoia Hospital Redwood City
- Level II Special Care Nursery at Watsonville Community Hospital Watsonville
- Our neonatologists also staff the Level III El Camino Hospital NICU in Mountain View

### Research and Innovation

- We are one of 15 large academic NICUs in the United States that participates in the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD) Neonatal Research Network. Our division is also a leader in developing new therapies for neonates through the NICHD Pediatric Trials Network.
- Stanford faculty led the creation of the California Perinatal and Maternal Quality Care Collaboratives (CPQCC and CMQCC), which have inspired other states to develop similar quality improvement collaboratives. The collaboratives now include data from all California deliveries, 140 NICUs and 70 high risk infant follow up programs.
- Our March of Dimes Prematurity Research Center at Stanford was the first of its kind and aims to reduce preterm birth and shrink the disparity in prematurity among racial and ethnic groups.
- We were the first to offer focused perinatal and neonatal interactive, simulation-based learning experiences and resuscitation training through our Center for Advanced Pediatric and Perinatal Education (CAPE), which attracts participants from around the world.
- Our Fetal and Pregnancy Health Program is proud to be part of the North American Fetal Therapy Network (NAFTNet).
- Stanford's Neonatal Extracorporeal Membrane Oxygenation (ECMO) Program opened in 1988 and was among the first on the west coast. Our program has been consistently recognized as a Center of Excellence by the international Extracorporeal Life Support Organization, demonstrating the program's highest level of performance, innovation, and quality.

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