



NEONATOLOGY AT Children's National



The Children's National Division of Neonatology has one of the few Level IV NICUs in the Washington, D.C. area, offering the highest level of care for premature and ill newborns. Consistently recognized by U.S. News & World Report as one of the top NICUs, the division of Neonatology has, for the fourth year in a row, been nationally ranked

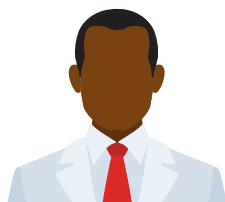
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CHILDREN'S NATIONAL EMPLOYS:



14

Board Certified/Eligible
Neonatal Specialists



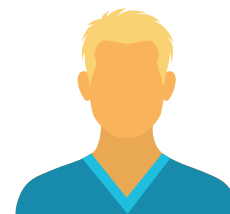
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Neonatal Fellows
in Training



12+

Neonatal Nurse
Practitioners/
Physicians Assistants



200+

NICU Nurses

The Children's National
Division of Neonatology
multidisciplinary
team includes Pediatric
Specialists in:

- Cardiology
- Ear, Nose and Throat
- Fetal Medicine
- Gastroenterology
- General Surgery
- Genetics/Rare Diseases
- Hematology/Oncology
- Infectious Disease
- Neonatal Neurology
- Neuroradiology
- Orthopaedics
- Radiology
- Reconstructive Surgery
- Urology

PREMATURE BIRTHS IN THE U.S.

NEWBORNS ADMITTED TO CHILDREN'S NATIONAL

<37
weeks

A baby born
before 37 weeks
of pregnancy is
considered
premature

1 in
10

1 in 10 babies
are born
premature in
the U.S.

30%

30% of moms
with a child in
the NICU will
experience
depression

Hours
to
3 months

Average age
of patient at
admission

2,760
grams
(6 lbs, 1 oz.)

Mean weight
of patient at
admission

35
weeks

Average
gestation age
(five weeks
early)

THE NICU

AT CHILDREN'S NATIONAL

In 2019, the NICU at Children's National had 1,100 admissions

1,100

50%

50% of our NICU patients are on ventilators at admission

15 extracorporeal membrane oxygenation patients per year

15

30%

30% of our NICU patients have a surgical condition

30-40 hypoxic ischemic encephalopathy/ therapeutic cooling patients per year

40

250

Our dedicated Neonatal Neurology and Neurocritical Care program evaluates over 250 babies each year

BRONCHOPULMONARY DYSPLASIA

The multidisciplinary bronchopulmonary dysplasia (BPD) team at Children's National provides comprehensive, focused care. The team not only focuses on the child's survival and medical care, they focus on the neurodevelopmental and social care that a baby needs to thrive. From enhanced nutrition to occupational and physical therapy to a regular sleep cycle, the goal is to help these babies achieve their full potential.

EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO)

Center of Excellence Award

Children's ECMO program is recognized as an "ECMO Center of Excellence" by the Extracorporeal Life Support Organization.



First of its Kind

In 1984, Children's National became the first children's hospital to offer Extracorporeal Membrane Oxygenation.

1st

Largest Regional Program

As one of the largest programs in the region for neonatal/pediatric respiratory and cardiac failure, Children's National saw 55 patients last year, 18 of which were treated for neonatal respiratory issues.

55

ECMO Conference

Children's National sponsors the annual ECMO and the Advanced Therapies for Cardiovascular and Respiratory Failure Conference, one of the largest international conferences on ECMO that had more than 300 participants in 2020.

300

NEONATOLOGY RESEARCH

Looking for 'help' signals in the blood of newborns with HIE

Measuring a number of biomarkers over time that are produced as the body responds to inflammation and injury may help to pinpoint newborns who are more vulnerable to suffering lasting brain injury due to disrupted oxygen delivery and blood flow.

“

This data supports our hypothesis that a panel of biomarkers - not a one-time test for a single biomarker - is needed to adequately determine the risk and timing of brain injury for babies with HIE.



Children's National

To learn more about Neonatology at Children's National, visit

ChildrensNational.org/Neonatology

