Colorado Fetal Care Center

Rare expertise for the rarest conditions

We care for children at their most vulnerable: before they're born. As one of the few centers in the country offering a complete array of treatment for the complex needs of infants and expecting mothers, we care for the highest-risk pregnancies, achieving some of the best outcomes in the nation.

Our capabilities include virtually every fetal treatment available — open fetal surgery, fetoscopy, ex utero intrapartum treatment (EXIT) procedures and more. We also offer some of the most innovative fetal therapies available today, and our research continues to advance the standard of care. With this experience and technology comes the ability to treat any conceivable medical condition affecting a newborn.

66.8%

Survival for both twins with twin-twin transfusion since 2012 (18.8% higher than national average)

100+

In-utero myelomeningocele repairs performed since 2012 84%

Survival for patients with congenital diaphragmatic hernia (20% higher than survival reported in the the TOTAL trial)

1,600+

Total deliveries

One Philosophy

From our Level IV NICU to our vast faculty of pediatric specialists to our referring providers, we work as one to treat each patient and family.



One location

From fetal intervention to labor and delivery to our NICU, Heart Institute and ongoing specialty care, we offer everything both mother and baby need, all under one roof.



One day

We bring the whole spectrum of evaluation and planning appointments together into a single day.



One team

We have specialists dedicated to each condition and each patient we treat.



One campus

We collaborate with our partners at neighboring UCHealth and the University of Colorado School of Medicine on research and patient care.



One goal

The best possible outcomes for our patients and their families.

Mother and baby under one roof

As one of just a few freestanding children's hospitals in the nation with a dedicated labor and delivery unit, we offer a single, comfortable space equipped for every aspect of maternal and fetal treatment, from prenatal diagnostic testing to postpartum care.

With a team of fetal and pediatric surgeons, maternal fetal medicine specialists, neonatologists, fetal cardiologists, dedicated fetal operating room nurses and 24/7 obstetrics and anesthesiology support, we perform a full range of procedures to address fetal anomalies.

Additionally, if a neonatal transport needs to occur from an outside facility, we can transport the mother too. Our dedicated team of maternal fetal and obstetric providers, as well as maternal fetal nurses, specializes in caring for new and expecting mothers through delivery and beyond.

Expecting the unexpected

Many expecting mothers have a birth plan detailing every aspect of their child's birth, from pacifiers to pictures. For a mother whose baby has a prenatal diagnosis, that planning process is even more involved. That's why our neonatology experts developed the Baby Care Plan, which helps expecting mothers prepare for the care their baby will need after delivery.

The tool helps align everyone involved in the baby's care, from primary care providers to obstetricians to other hospitals, giving the baby the best possible chance at a healthy, happy life.

The transition to life outside the womb is a crucial time for mother and baby alike. That's why expecting moms and babies need the best possible care before, during and after birth. The Baby Care Plan helps make sure that happens — even in the event of the unexpected.



For more information about the Baby Care Plan and how to use it with your patients, visit childrenscolorado.org/BabyCarePlan



Children's Hospital Colorado provides free aids and services to people with disabilities to communicate effectively with us, such as: Qualified sign language interpreters, written indicate in other formats (large print, audio, accessible electron formats, other formats). Other formats (Oracle provides free language services to people whose orimary language is not English, such as: Qualified interpreters, information written in other languages.

f you need these services, contact the hospital main line at 720.777.1234.

Tyou believe that Children's Hospital Colorado has failed to provide these services or discriminated in another way on the basis of race, color, national origin, age, disability, or sex, you can file a gievance with: Corporate Compliance Officer, 13123 E 16th Avenue, B450, Aurora, Colorado 80045, Phone: 720.777.123, Fax: 720.777.1257, or sex, you can file a gievance in person or by mail, fax, or email, fax, or by one of the principle a gievance, the Corporate Compliance Officer in the property of the Corporate Compliance Officer in the property of the Corporate Compliance Officer in the property of the Corporate Compliance Officer in the Corporate Compliance Officer in

You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at https://ocrportal.hisb.gov/cor/portal/lobby/sf, or by mail or phone at: U.S. Department of Health and Human Services 200 independence Avenue, SW Room 509F, HHB Budding Washington, D.C. 2020/1 1-800-388-1018, 800-537-7697 (TDD) Complaint forms are available at http://www.hhs.gov/cor/office/file/index.html. Children's Hospital Colorado compiles with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability, or sex. ATENCION: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al 1-720-777-1234. CHÚ Y: Nêu ban noi Tiếng Vật, có các dịch vụ hỗ trự ngôn ngữ miễn phí dánh cho bạn. Gọi số 1-720-777-1234. 수의: 한국어를 사용하시는 경우, 언어 지원 서비스를 무료로 이용하실 수 있습니다. 1-720-777-1234 번으로 전화해 주십시오.

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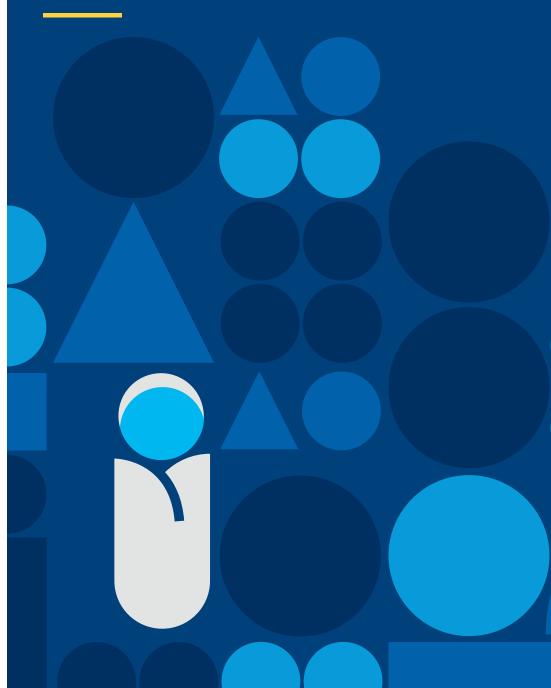
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NICU-160150881-2022-04



Neonatology



Neonatology

Named one of the country's top centers by U.S. News & World Report, our Level IV Neonatal Intensive Care Unit offers the highest level of care to more than 2,000 newborns every year — one of the largest centers in the region. We care for any condition affecting a newborn, no matter how rare or critical that condition may be. Throughout a visit, a baby and their family stay together in an environment we specifically designed to feel as much like home as possible.

In addition to our NICU, our Heart Institute offers state-of-the-art recovery and monitoring for cardiac and heart surgery patients, achieving success rates that generously exceed national averages.

Our highly specialized, multidisciplinary team of experts continues to grow its breadth of experience. With new and expanding capabilities, we care for evermore complex and acute conditions with outcomes that remain above the standard.

Program highlights

- Because we see more than 400+ infants annually who require surgery while in our NICU, our providers have diverse expertise caring for complex conditions.
- With the most advanced medicines and technologies available, we're equipped with anything a baby might need, no matter how complex their condition.
- We offer a family-centered care model, which puts families at the center of every decision.
- Our NNP program offers comprehensive care at more than 10 sites across
 Colorado, and we have more than 100 neonatal nurse practitioners, educated at a master's or doctoral level, who are board certified by the National
 Certification Corporation.
- Our center meets the highest possible standards for utilizing extracorporeal membrane oxygenation (ECMO) to care for newborns with various lifethreatening heart and lung conditions.



ONLY

Institution in Colorado and 10 surrounding states ranked in Neonatal Care by
U.S. News & World Report

LEVEL IV NICU

Highest distinction for our Anschutz Campus NICU



Designated Platinum Level by the Extracorporeal Life Support Organization

36

Board-certified neonatologists



FIRST

 $\ensuremath{\mathsf{ANCC}}\xspace\ensuremath{\mathsf{-accredited}}\xspace\ensuremath{\mathsf{NNP}}\xspace\ensuremath{\mathsf{program}}\xspace\ensuremath{\mathsf{an}}\xspace\ensuremath{\mathsf{the}}\xspace\ensuremath{\mathsf{U.S.}}\xspace$



Greeley •

NICU at

Children's •

Colorado



Communication

When a baby is in the NICU, parents may not be able to spend as much time there as they'd like. Through a program called Baby Chat, we use iPads to connect a baby with their family, allowing the family to talk and watch as their baby is cared for.

At discharge, our dedicated neonatal and surgical nurse coordinators work with families to make sure they are prepared, and we help schedule any necessary follow-up appointments that a baby may require.

We also partner with primary care providers to ensure a seamless transition of care. Our teledischarge program offers providers a privacy-protected, direct line of communication to us through Vidyo, a secure video chat software. This helps us continue to support ongoing care, especially for a baby with a medically complex condition, even if home is hundreds of miles away.

Access

Our Children's One medical transport fleet, which includes a helicopter and a plane, is specifically designed to serve neonatal and pediatric patients from all over the region.

- It is the only fleet of advanced air and ground vehicles in our sevenstate region that provides critical care transport solely for neonatal and pediatric patients.
- We are accredited by the International Commission for the Accreditation of Medical Transport Systems.
- Our helicopter is designed to meet the needs of the tiniest patients.
 Featuring an improved platform for essential equipment and additional space for an isolette, it's quieter than most helicopters, making it the comfiest ride for our tiny patients.
- We have the capability to transport the sickest babies from wherever they are, allowing them to get the advanced care they need.
- Through our partnership with AirMed International, we have the ability to transport pediatric patients to or from almost anywhere in the world.

Research and innovation

We offer the most innovative technologies in neonatal medicine including:

- One of the first hospitals in the country to develop a centralized state-of-the-art lab for preparing breast milk.
- ECMO heart-lung bypass
- Hemodialysis and peritoneal dialysis for renal failure for server metabolic diseases
- Body cooling

Our doctors have pioneered many critical developments in neonatal care, and in many cases were the first in the world to use new therapies including:

- Surfactant replacement for premature babies' lungs
- Inhaled nitric oxide therapy for pulmonary hypertension
- Brain cooling for perinatal brain injury
- Inhaled nitric oxide to prevent premature lung disease
- Optimal nutritional strategies for babies with low birthweight

Beyond delivery

With a focus on each child's well-being and long-term quality of life, we coordinate with a family's primary care provider to facilitate ongoing visits to our pediatric care clinics and programs. Additionally, our care model integrates us fully with some of the best subspecialty care available including:

- Cardiology and heart surgery, ranked #6 by USNWR
- Neurology and neurosurgery, ranked #10 by USNWR
- Pulmonology and lung surgery, ranked #5 by USNWR
- Gastroenterology and GI surgery, ranked #1 by USNWR
- Pediatric surgery
- Orthopedics
- Ophthalmology
- Newborn hearing

Our higher volumes of complex patients lead to more experience, which results in some of the best outcomes in the nation.



Neonates treated per year(including cardiac)



Neonatal surgeries



per year



Echocardiograms (including fetal)



CDH patients treated since 2012

in 2019





300+

300+
Infants treated with

therapeutic hypothermia



Specialists including neonatologists, pediatric surgeons, respiratory therapists, lactation consultants and more



One team for everything you need

With experts in neonatology, neonatal nursing, fetal and pediatric surgery, clinical social work, psychology, child life and spiritual care, we're here to care for families on every level.



Traveling for treatment is worth it

Since 2011, our Colorado Fetal Care Center has successfully treated patients with some of the nation's most complex medical conditions. In fact, we've cared for patients from 44 states.