

Neonatal Intestinal Rehabilitation Program



Our volume and outcomes

As one of the highest volume centers in the US, our team of experts provides evidence-based, specialized care to optimize patient outcomes.

Average IR Program Volume and Outcomes Per Year (2020-2022)*

83+ patients treated

94% patient survival rate

*CHNC Data for Texas Children's Newborn Center®

Long-term Volume and Outcomes on surgical short bowel syndrome (2011-2018)*

63% enteral autonomy prior to discharge

97% resolution of IFALD with fish-oil based lipid emulsion

0 infants requiring intestinal transplant

85% enteral autonomy by last documented follow-up (38 months)

96% survival rate at last follow-up (38 months)

*Fatemizadeh R, Gollins L, Hagan J, et al. In neonatal-onset surgical short bowel syndrome survival is high, and enteral autonomy is related to residual bowel length. JPEN J Parenter Enteral Nutr. 2022;46(2):339-347. doi:10.1002/jpen.2124

Innovating treatments and advancing care

Our Intestinal Rehabilitation Team has been on the forefront of clinical advancements in the field, including innovations in nutritional therapy. Research completed over the past decade at Texas Children's was used in the approval process for Omegaven® by the FDA in 2018. This pioneering therapy has reduced the rate of liver transplant and death for infants with intestinal failure.

Building on our research in the area of IV lipid emulsions, our team also participated in a Phase III randomized, controlled, double-blind trial of SMOFlipid®, which is now approved for use in pediatric patients.



Scan the QR Code
to be linked
to our publications.

Our experts

As one of the nation's leaders in the diagnosis and treatment of intestinal failure, Texas Children's Newborn Center® Intestinal Rehabilitation (IR) Program offers the full spectrum of neonatal therapies and care for the most complex patients. Our team is committed to the post-operative and long-term nutrition rehabilitation of babies with serious gastrointestinal conditions, such as intestinal failure due to anatomic defects or intestinal dysmotility, surgical short bowel syndrome and ultra-short bowel syndrome.

Our dedicated team provides comprehensive care at every step of intestinal rehabilitation:



Neonatologists and
Neonatal Nurse Practitioners



Pediatric
Surgeons



Pediatric
Gastroenterologists



Neonatal
Dietitians



Lactation
Specialists

After receiving intestinal rehabilitation, our young patients leave the NICU and are monitored closely on an outpatient basis by members of our Pediatric Intestinal Rehabilitation Clinic. This seamless transition of care provides valuable support to help our young patients continue to thrive and grow.

Our research

In addition to lipid emulsions, past and current research includes long-term outcomes and survival of children with short bowel syndrome, optimization of nutrition practices for infants with intestinal failure and ostomy, ethical counseling recommendations, and necrotizing enterocolitis totalis. We invite you to learn more about some of the approaches that have been developed and improved by our center within the last five years.



Texas Children's
Hospital®

Leading the field of neonatology



Texas Children's Newborn Center® multi-disciplinary providers author Baylor College of Medicine Guidelines for the Acute Care of the Neonate. This in-depth guide to all aspects of neonatal care continually receives worldwide peer-to-peer recognition.

- 1,800+ downloads annually
- downloads in 69 different countries
- annually updated

Scan the QR code to download your free copy.

Guidelines for Acute Care of the Neonate
Edition 31, 2023-2024
Updated: August 2023



Division of Neonatology
Department of Pediatrics
Baylor College of Medicine
Houston, Texas



How to refer a patient

A majority of our patients are transported to us from other hospitals. We welcome the opportunity to partner with you in providing outstanding care to your patients.



Post-admission call: Your patient's attending neonatologist will call you to provide an admission diagnosis, status update and treatment plan.



EPIC CareLink: As a referring physician, you have live portal access to your patient's EMR during the entire admission.



Newborn Center Liaison: Call **832-824-0981** for program information, patient follow-up, educational offers and other inquiries.



Provider Connect: Call **832-TCH-CARE (832-824-2273)** for assistance with referrals, accessing or navigating a Texas Children's service, or connecting with an on-call specialist.

Arranging transport

Neonatal patients can be transported to Texas Children's around the clock by Texas Children's Kangaroo Crew, a highly trained team providing fast, safe, state-of-the-art transport by land and sky.



24/7 Neonate consult: **1-877-Neonate**



24/7 Neonate transport: **1-877-770-5550**

Our locations

Texas Children's Hospital
West Tower, 4th floor
6621 Fannin Street
Houston, TX 77030
texaschildrens.org/nicu

Texas Children's Pavilion for Women
8th Floor
6651 Main St.
Houston, TX 77030

Texas Children's Hospital – The Woodlands
4th Floor
17580 1-45
The Woodlands, TX 77384