

In 2019 the Division of Pediatric Gastroenterology at UT Southwestern Medical Center, in partnership with the Children’s Health System of Texas solidified its position as the primary program in North Texas caring for children with gastrointestinal (GI), pancreatic and liver disorders. The Division’s mission is to promote health and a healthy society that enables achievement of every child’s full potential. We strive to fulfill this mission by providing the highest standard of care, advanced clinical programs, innovative training of future healthcare providers, and performing state-of-the-art and relevant research.

Under the leadership of Division Chief, Bradley Barth, M.D., M.P.H., this nationally recognized division includes distinguished faculty with clinical and research focus on a number of diverse areas of pediatric digestive health. This growing and dynamic group is comprised of 20 faculty members offering inpatient, outpatient and procedural services. In addition, the Division’s physicians provide supervision to 15 Advance Practice Providers and specialty training to 9 clinical and research fellows.



Bradley Barth, M.D., M.P.H.
Division Chief

Gastroenterology at Children’s Health ranked number 10 in the nation by US News and World Report in 2019 and currently provides clinical services and medical leadership at four practice sites:

- Children’s Medical Center Dallas
- Children’s Health™ Specialty Center Plano
- Texas Health Presbyterian Hospital
- UT Southwestern/Texas Health Frisco

Clinical activities of the Division include a high volume, high acuity service, with more than 36,000 outpatient visits, 2,000 inpatient admissions and 3,000 procedures per year.

All of these functions are organized in a programmatic fashion into 18 distinct clinical programs:

- | | |
|---|--|
| <ul style="list-style-type: none"> • Aerodigestive Program • Anorectal Anomalies • Celiac Disease • Childhood Obesity • Chronic Abdominal Pain • Cystic Fibrosis Center • Eosinophilic/Allergic disorders • Feeding Disorders • General Gastroenterology • Hepatology/Liver Transplant • Non-alcoholic Fatty Liver Disease | <ul style="list-style-type: none"> • Inflammatory Bowel Disease • Intestinal Immunology • Intestinal Rehabilitation and Short Bowel Disease • Neuro-Gastroenterology • Pancreatic Disorders • Polyposis • Therapeutic Endoscopy/Gastroenterology Laboratory |
|---|--|

The mission of the Division of Pediatric Gastroenterology is to promote health and a healthy society that enables achievement of every child’s full potential. Faculty strive to fulfill this mission by providing the highest standard of care, advanced clinical programs, innovative training of future healthcare providers, and performing state-of-the-art research.

Faculty

Currently the Division is comprised of 20 faculty members, with one new faculty member, Megha Mehta, joining the Division in 2019.

Megha S. Mehta, M.D.

Assistant Professor



B.A., Biological Sciences

University of Southern California, Los Angeles, 2009

M.D.

UT Southwestern, 2013

Postdoctoral Training

Residency, Pediatrics

Case Western Reserve University/Rainbow Babies and Children's Hospital, Cleveland, OH,
2013 – 2016

Fellowship, Pediatric Gastroenterology

UT Southwestern, 2016 – 2019

Interests

Pancreatic disease in children

Honors / Awards

Best Pediatric Specialists in Dallas, *D Magazine*

- John Andersen
- Brad Barth
- Aakash Goyal
- Ashish Patel
- Charina Ramirez
- Norberto Rodriguez-Baez
- Rinarani Sanghavi
- Meghana Sathe
- Gaith Semrin
- David Troendle

Texas Super Doctors, *Texas Monthly Magazine*

- Edaire Cheng, 2019 Texas Rising Star
- Meghana Sathe

John Andersen

- Top Doctors, Castle Connolly

Ricardo Medina

- January Provider of the Month, Children's Medical Center Dallas

David Troendle

- NASPGHAN Endoscopy Prize

Invited Lectures

Sarah Barlow

- Joseph F. Fitzgerald Lectureship in Pediatric Gastroenterology, Hepatology & Nutrition, Grand Rounds, Riley Hospital for Children, Indianapolis, IN, May 2019
“Healthcare and Childhood Obesity: Research, Reality, and Future Directions”

Nandini Channabasappa

- Oley Foundation Regional Conference, Dallas, TX, February 2019
“Alternative Lipid Sources”

Bhaskar, Gurram

- GI Department Grand Rounds, UT Southwestern, February 2019
“Inflammatory Bowel Disease Pathogenesis – Cross Roads of Genetics/Environment and Immune System”

Ashish Patel

- Weill Cornell Medicine Updates in Pediatric GI Course. New York-Presbyterian Phyllis and David Komansky Children’s Hospital, New York, NY, April 2019
“GI Pediatric IBD Therapies & Novel Drugs”

Rinarani Sanghavi

- Power of Three Congress, Pediatricians, Philippines, February 2019
“The Gut as the Second Brain” Month
- Annual Nutrition Congress, Baranquilla, Colombia, April 2019
“The Gut and Immunity”
- Grand Rounds, Boston Children’s Hospital/Harvard Medical School, April 2019
“Delusions of Gender: Compensation Equity analysis and Interventions at an Academic Pediatric Institution”
- Vietnam Pediatric Association, Congress on Nutrition in Children, Ho Chi Minh City, Vietnam, June 2019
“GI Intolerance and Allergy in Infants”

Meghana Sathe

- Seattle Children’s for Clinical Research Scholars Award, Seattle, WA, July 2019
“GALAXY: Warp Speed Ahead”

Conference Presentations

Pediatric Academic Society / Society of Pediatric Research

Baltimore, MD, April 2019

Edaire Cheng

Hot Topic/Topic Symposia, “Eosinophilic Esophagitis Update: Current Trends in Diagnosis and Management”

Rinarani Sanghavi

Hot Topic/Topic Symposia, “Constipation: Public Problem Number 2”

Digestive Disease Week – American Gastroenterological Association Meeting

San Diego, CA, May 2019

Sarah Barlow

Oral Presentation, “The Challenges of Pediatric Obesity”

Edaire Cheng

Oral Presentation, “EoE Esophageal Epithelial Cells Induce Th2 Polarizing Dendritic Cells”

2019 TDN (Therapeutics Development Network) Spring Meeting

Austin, TX, April 2019

Meghana Sathe

Oral Presentation, eQUIP CR 101, “Raising Awareness of Clinical Research”

Panel, Academic Careers in CF

North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Annual Meeting

Chicago, IL, October 2019

Bradley Barth

Moderator, Video endoscopy abstract session

Edaire Cheng

Oral Presentation, “Eosinophilic inflammation beyond the esophagus”

Ashish Patel

Moderator, Surgery in IBD (3 “P’s” in a Pod)

Charina Ramirez, David Troendle

Poster Presentation, “A horse of a different color: An unusual cause of jaundice in the pediatric patient”

Norberto Rodriguez-Baez

Oral Presentation, “What Can I Do to Improve My Application?” Teaching and Tomorrow Program

Oral Presentation, “Practical To-Dos Before You Apply” Teaching and Tomorrow Program

Oral Presentation, “Chronic viral hepatitis coinfections: Management and challenges”

Oral Presentation, “Training in Pediatric Gastroenterology” Training Directors Meeting

Oral Presentation, “LASPGHAN en NASPGHAN: 3650 días juntos” LASPGHAN Session

Host, GI Jeopardy

Isabel Rojas

Poster Presentation, “ Abdominal apoplexy in a teenager – a different approach in management”

Poster Presentation, “Diagnostic role of capsule endoscopy in a 4-year-old male presenting with anemia and gastrointestinal bleeding”

Rina Sanghavi

Moderator, Hands-on endoscopy course: clipping

Poster Presentation, “Gastrointestinal motility in premature infants with and without patent ductus arteriosus (PDA)”

Oral Presentation, “Emotional Intelligence in leaders”

Meghana Sathe

Oral Presentation, “Complications of CF in the GI tract” Post-Graduate Course

Education and Training

The Division promotes new and innovative training strategies for students, residents, fellows and junior faculty, as well as educational programs to the local and national community.

Our three-year, ACGME-accredited fellowship program, directed by Dr. Norberto Rodriguez and Dr. Meghana Sathe, provides comprehensive training for nine gastroenterology fellows (three annually). The training program is dynamic and innovative, intermittently offering individualized training tracks in motility, therapeutic endoscopy, inflammatory bowel disease and clinical and basic research. In the first year of fellowship, emphasis is on acquiring knowledge and clinical skills in gastroenterology, hepatology and nutrition. Second and third year fellows' focus on a basic science or clinical project that meets the ACGME requirements for scholarly activity. Both areas emphasize acquiring skills in scientific presentation, writing abstracts and manuscripts, and grant development. The first-time passing rate for the ABP-certified Pediatric Gastroenterology board exam for graduating fellows is 100%, and the majority of graduates go on to hold faculty appointments.

Focused areas of research by the Division's current fellows include:

- Optimizing Precision Probiotic therapy for Graft vs Host Disease by High-Throughput Sequencing of the Gut Microbiota
- Gastric motility in preterm babies with patent ductus arteriosus and feeding intolerance
- A five year review of biochemical markers and ultrasound findings in Dallas pediatric cystic fibrosis (CF) patients: establishing a new diagnostic algorithm for CF liver disease
- Examining Lamina Propria Procurement with Various Sampling Techniques in Pediatric Eosinophilic Esophagitis Patients
- Prevalence and significance of PNPLA3 gene variant and non-alcoholic fatty liver disease in pediatric patients with Cystic Fibrosis
- Delaying cholecystectomies in children with cholelithiasis leads to worse outcomes and longer hospitalization

Research Activities

Funded research spans a wide range of important areas in both basic science and clinical investigation. The Division has many active ongoing research studies including several National Institutes of Health (NIH)-sponsored studies to understand the origins of childhood liver, esophageal and intestinal diseases. The Division is participating in more than 40 ongoing IRB-approved clinical trials, including several national, multicenter studies evaluating treatments for pancreatic disease, Cystic Fibrosis, chronic constipation, inflammatory bowel disease, hepatitis and liver failure.

Liver Research

- Dr. Norberto Rodriguez-Baez is the principle site investigator for a national, multicenter, NIH-supported study examining the causes for fulminant hepatic failure in children, as well as studies evaluating the best treatment strategies for children with hepatitis B and C.
- Dr. Charina Ramirez's research focuses on metabolic liver disease including Niemann-Pick type C and non-alcoholic fatty liver disease (NAFLD). She is conducting a novel trial evaluating the effects of specialized diets in the treatment of childhood fatty liver disease.

Gastroenterology Research

- Dr. Etaire Cheng is unraveling the basic causes of eosinophilic esophagitis. She has developed novel cell and mouse models, which are providing new insights into this disease and elucidating the mechanisms of eosinophilic infiltration and tissue remodeling in the esophagus. She continues work on a biorepository that will house tissue from patients suffering from food allergic disease for use in further trials.

- Dr. Luis Sifuentes is studying basic mechanisms of intestinal inflammation. He is supported by a departmental, NIH-sponsored, Child Health Research Career Development Award and is working closely with Dr. Ezra Burnstein in the Department of Internal Medicine's Division of Gastroenterology at UT Southwestern to understand the molecular basis of early-onset IBD. Using cutting edge genomic and proteomic approaches, they have identified novel genes that play a role in early-onset IBD.

- Dr. Rina Sanghavi, an expert in neurogastroenterology, is exploring new therapies for constipation, motility disorders, and aerodigestive disorders in children. Studies are underway exploring the contribution of the intestinal microbiome to GI motility.



Drs. Rinarani Sanghavi and Ricardo Medina-Centeno

- Dr. Ashish Patel continues as the site leader for the multicenter collaborative known as Improve Care Now. He has also been instrumental in leading treatment trials in patients with moderate to severe IBD requiring advanced biologic therapy. Dr. Patel is the primary investigator on multiple grants, including funding from the NIH, CCFA and Broad Foundation.

- Dr. Brad Barth studies therapeutic interventions for complex childhood hepatobiliary and pancreatic disorders. His clinical and research interests include therapeutic endoscopy, ERCP, endoscopic treatment of gastrointestinal bleeding, and pancreatic disease in children.
- Dr. David Troendle's research focuses on interventional endoscopic approaches for the treatment of GI bleeding and pancreatic disease, as well as the prevention of post-ERCP pancreatitis. He is also investigating the epidemiology and severity of acute, recurrent and chronic pancreatitis in children.
- Dr. Sarah Barlow is actively involved in the study childhood obesity and nonalcoholic fatty liver disease, working toward effective interventions. Projects include evaluating telehealth in childhood obesity, development of a web-based program in English and Spanish to provide parents with practical guidance on healthy lifestyle, and using electronic health records to evaluate the impact of practice behavior on BMI change.
- Dr. Meghana Sathe is involved in several projects studying the use of DEXA scan in children with Cystic Fibrosis, optimizing weight in infants with Cystic Fibrosis, and pancreatic disease in Cystic Fibrosis patients.
- Dr. Aakash Goyal is the primary investigator on a study to evaluate the pharmacokinetics of IV proton pump inhibitors in children. He is also involved as a co-investigator on projects working to establish a biorepository for samples of patients with suspected EoE, and to evaluate esophageal biopsy techniques in children. Lastly, Dr. Goyal is involved in a project evaluating efficacy and safety of dose escalation in children with IBD on infliximab.
- Dr. Michele Alkalay focuses on the quality of life in children with celiac disease, and collaborates on research examining the microbiome in various celiac populations.
- Dr. Bhaskar Gurram is involved in several projects examining the use of biologic agents such as infliximab and ustekinumab in children with IBD. He is also investigating the prevalence and etiologies of esophagitis desiccans in pediatric patients.

Clinical Activities

The nationally recognized clinical programs of the Division of Gastroenterology are housed at Children's Medical Center Dallas with satellite activity at Children's Plano and Texas Health Resources Dallas and Frisco. In the patient-centered environment, physicians are joined by nurse practitioners, physician assistants, child psychologists, dieticians,

speech therapists, child life specialists, social workers, an enterostomal therapist/educator, and a care coordinator to provide multidisciplinary, comprehensive, state-of-the-art care for children with virtually any gastrointestinal, pancreatic or liver problem.

Gastroenterology Endoscopy Lab

The gastroenterology lab staff of six nurses, two endoscopy technicians and two schedulers supports not only routine endoscopic procedures, but also advanced and therapeutic endoscopy, including ERCP, cholangioscopy, EUS, balloon enteroscopy and capsule endoscopy. We also perform a full array of motility procedures, including anorectal, esophageal, antroduodenal, small bowel and colonic manometry as well as EndoFlip. The unit performed approximately 95 pediatric ERCPs and over 60 pediatric EUS cases in 2019

Specialized Programs

The Division also supports multiple specialized clinical programs. Faculty accept referrals for all of the following programs and a Gastroenterology physician is on call daily to consult with referring physicians.

Neurogastroenterology Program

Under the direction of Dr. Rina Sanghavi, this program provides comprehensive care for children with complex GI dysmotility, including intestinal pseudo-obstruction, dysmotility following infection or surgery and neuromyopathies. It is home to one of the few ANMS-certified pediatric motility labs in the country performing esophageal manometry, antroduodenal and colonic motility, and esophageal impedance studies. It is the only bowel management program in North Texas for children with simple and complex anorectal malformations, the only multidisciplinary abdominal pain program and the only aerodigestive disorders management program in the area. In 2017, the Biofeedback program directed by Dr. Ricardo-Medina was introduced providing life changing treatment to children with disordered defecation.

Aerodigestive Program

Directed by Dr. Ricky Medina, Dr. Romaine Johnson (ENT) and Dr. Yalonda Rivera-Sanchez (Pulmonology) the multidisciplinary aerodigestive program combines the services of gastroenterology, pulmonology, and ear, nose and throat (ENT) specialists. Pediatric patients are referred from all over the nation for comprehensive evaluation of swallowing, breathing, and feeding disorders. This specialized program includes procedural services such as esophageal impedance, BRAVO pH monitoring, endoscopy, bronchoscopy and laryngoscopy.

Chronic Abdominal Pain Program

Directed by Dr. Rinarani Sanghavi and Dr. Thomas Spain (Pain Specialist), the chronic abdominal pain program (CAPP) provides comprehensive evaluation and treatment to children with chronic abdominal pain. This multidisciplinary program includes a skilled team consisting of gastroenterologists, pain management specialists, psychologists, and nurses. It is the only comprehensive pain management program in North Texas for children with abdominal pain.

Hepatology & Liver Transplantation Program

This program is an internationally recognized active Pediatric Liver Transplantation program with some of the best outcomes in the nation. Led by Dr. Amal Aqul (Transplant Hepatology) and Dr. Dev Desai (Transplant Surgery), the liver transplant program performs whole and split liver transplants in a multidisciplinary setting. Living-related donor liver transplantation is available as well in appropriate cases.

Intestinal Rehabilitation Program

Under the direction of Dr. Nandini Channabasappa, this is the only program of its type in North Texas and the surrounding states, and is one of the largest in the country. Located in a geographic region with a rapidly growing pediatric population, and serving as a referral center for multiple NICUs, the program provides a much-needed

comprehensive approach to nutritional support, including parenteral and enteral feeding programs for children with short bowel syndrome, pseudo-obstruction and other disorders resulting in intestinal failure, as well as for those who have undergone intestinal transplantation.

Pediatric Inflammatory Bowel Disease (IBD) Program

Directed by Dr. Ashish Patel, this program provides specialized care for children with inflammatory bowel disease, conducts research into new treatments, genetics and epidemiology, and is a founding member of the extremely successful international collaboration, the Improve Care Now network, establishing quality improvement indicators and benchmarks in order to rapidly advance patient care and optimize outcomes. The Center is one of the largest IBD centers in the nation caring for more than 500 children with Crohn's disease or ulcerative colitis and providing consultations to patients from throughout the U.S. and internationally.

Pediatric Intestinal Immunology Clinic (PIIC)

Directed by Dr. Bhaskar Gurram, the Pediatric Intestinal Immunology Clinic provides comprehensive evaluation and care to children with immunodeficiency and/or immune dysregulation with corresponding intestinal inflammation. It combines the skills of gastroenterologists, immunologists, geneticists and pathologists, and it is the only one of its kind in North Texas.

Childhood Obesity Program

Directed by Dr. Sarah Barlow, the Childhood Obesity program uses a cross-disciplinary, cross-site approach to care for children. The program provides resources for primary care providers, including electronic health record clinical decision support, connections to community-based weight management programs, and nutritional education.

Therapeutic Endoscopy Program

Directed by Dr. David Troendle, the Therapeutic Endoscopy Program is one of the few programs in the United States performing specialized, cutting-edge endoscopic procedures, including endoscopic retrograde cholangiopancreatography (ERCP) in children of all ages and leads the nation in endoscopic innovation, research, and training. More than 3,000 endoscopic procedures are performed per year, including specialized procedures such as ERCP and endoscopic ultrasound. The program, which houses a state-of-the-art training program with a simulation lab, has won the North American Society of Pediatric GI endoscopy prize three times, and is the founding site for the Pediatric ERCP Database Initiative. This project, started by Dr. Troendle, collects data from national and international centers related to ERCP indications, complications and outcomes.

Cystic Fibrosis Program

The childhood Cystic Fibrosis program, co-directed by Drs. Meg Sathe from Pediatric Gastroenterology and Preeti Sharma from Pediatric Respiratory Medicine, provides a comprehensive team approach to this complex and chronic disease. It is actively involved in many national multicenter trials, including clinical trials of new and innovative treatments.

Eosinophilic Esophagitis and Esophageal Disorders Program

Co-directed by Drs. Edaire Cheng and Aakash Goyal, this program, known as the Dallas Eosinophilic Esophagitis Program, treats children with eosinophilic esophagitis in a multidisciplinary approach. In addition to clinical work, the program supports ongoing basic research into the mechanisms underlying disease pathogenesis. In 2018, we became the first program in Texas to offer unsedated transnasal endoscopy for children with EoE allowing us to histologically monitor response to therapy without the need for sedation or anesthesia.

Celiac Disease Program

Directed by Dr. Michele Alkalay and located at the satellite campus in Plano, this is a multidisciplinary program involving intense nutritional and family support for children with celiac disease and gluten sensitivity. It is the only program of its kind in the DFW area.

Pancreatic Disorders Program

Drs. David Troendle and Megha Mehta staff a comprehensive program spanning inpatient, outpatient and procedural care that brings the latest in minimally invasive surgical techniques to the treatment of children with disorders of the pancreas. Patients are referred from all over the nation for evaluation and for advanced therapeutic techniques offered at few other Pediatric centers in the United States.

Feeding Disorders Program

Directed by Dr. Gaith Semrin, the Feeding Disorders program at Children’s Health consists of a multidisciplinary team dedicated to the care of patients with disorders of oral feeding. The mission of the program is to formulate individual therapy, foster feeding independence, and improve the quality of life for patients with feeding problems.

Fecal Microbial Transplant Program

In 2018, Dr. Bhaskar Gurram and Dr. Paul Sue co-founded this program, which is the first of its kind in North Texas, aimed at treating children with recurrent or refractory C difficile infection.

Patient Statistics

Dallas	2017	2018	2019
Ambulatory Visits	14,861	15,110	15,437
New	4,161	4,077	4,322
Follow-up	10,700	11,033	11,115

Plano	2017	2018	2019
Ambulatory Visits	6,844	6,652	6,387
New	2,190	1,980	2,172
Follow-up	4,654	4,672	4,216

THD	2017	2018	2019
Ambulatory Visits	717	711	779
New	272	264	358
Follow-up	445	447	421

Totals	2017	2018	2019
Ambulatory Visits	22,422	22,473	22,604
New	6,623	6,321	6,852
Follow-up	15,799	16,152	15,751
Procedures	3,304	3,663	3,589

Current Grant Support

Sarah Barlow

Grantor: NIDDK
Title of Project: Building Evidence for High-quality Pediatric Primary Care Weight and Comorbidity Management
Role: Co- Principal Investigator
Dates: 2018 – 2020

Grantor: NHLBI
Title of Project: Development of Single-screen Clinical Decision Support to Increase Guideline-based Weight Management and Co-Morbidity Care
Role: Co- Principal Investigator
Dates: 2018 – 2020

Ashish Patel

Grantor: NIH
Title: Sex Differences in Statural Growth Impairment in Pediatric Crohn’s Disease
Role: Site Principal Investigator
Dates: 2016 – 2020

Norberto Rodriguez-Baez

Grantor: NIH / Johns Hopkins University (Grant No. U01-DK082872002)
Title: Hepatitis B Research Network – Effect of HBV DNA Methylation and the Mutant 1762T/1764A on Viral Load and HCC
Role: Co-Investigator
Dates: 2008 – 2020

Meghana Sathe

Grantor: Cystic Fibrosis Foundation
Title: STRC
Role: Co-Principal Investigator
Dates: 2018 – 2020

Grantor: Cystic Fibrosis Therapeutics
Title: ARC “Additional Research Coordinator”
Role: Principal Investigator
Dates: 2015 – 2019

Grantor: Cystic Fibrosis Foundation
Title: LAZA17BO 1st and 2nd Year Fellowship Grant
Role: Principal Investigator
Dates: 2017 – 2019

Grantor: Cystic Fibrosis Foundation
Title: PHEN18BO 1st and 2nd Year Fellowship Grant
Role: Principal Investigator
Dates: 2018 – 2020

Grantor: Cystic Fibrosis Foundation
Title: CRSP (Clinical Research Scholars Program)
Role: Principal Investigator
Dates: 2018 – 2021

Grantor: Cystic Fibrosis Foundation
Title: CNCF3 – Pilot Learning Network
Role: Co-Principal Investigator
Dates: 2016 – 2019

Grantor: Cystic Fibrosis Foundation
Title: Physical Therapy
Role: Co-Principal Investigator
Dates: 2016 – 2019

Grantor: Cystic Fibrosis Therapeutics
Title: SATHE14YO Therapeutic Drug Center
Role: Co-Principal Investigator
Dates: 2015 – 2019

Grantor: Cystic Fibrosis Foundation
Title: CC034-34 TX-34/34 Children's Medical
Role: Co-Principal Investigator
Dates: 2013 – 2019

David Troendle

Grantor: NIH-NIDDK U01 DK108328-02S1
Title: Consortium for the Study of Chronic Pancreatitis, Diabetes and Pancreatic Cancer: Coordinating and Data Management Center (CSCPDPCC-CDMC)
Role: Principal Investigator
Dates: 2015 – 2020

Luis Sifuentes-Dominguez

Grantor: Children's Health Foundation and Clinical Research Advisory Committee (CCRAC)
Title: Role of Enteroendocrine Cells in Inflammatory Bowel Disease Pathogenesis
Role: Principal Investigator
Dates: 2015 – 2019

Peer-Reviewed Publications

1. Baldwin C, Zerofsky M, **Sathe M, Troendle DM**, Perito ER. [Acute Recurrent and Chronic Pancreatitis as Initial Manifestations of Cystic Fibrosis and Cystic Fibrosis Transmembrane Conductance Regulator-Related Disorders.](#) *Pancreas*. 2019 Aug;48(7):888-893. PMID: 31268981
2. Bellin MD, Lowe M, Zimmerman MB, Wilschanski M, Werlin S, **Troendle DM**, et al, **Barth B**, Abu-El-Haija M, Uc A. [Diabetes Mellitus in Children with Acute Recurrent and Chronic Pancreatitis: Data From the International Study Group of Pediatric Pancreatitis: In Search for a CuRE Cohort.](#) *J Pediatr Gastroenterol Nutr*. 2019 Nov;69(5):599-606. PMID: 31651815
3. Bonasso PC, Gurien LA, Staszak J, Gowen ME, **Troendle DM**, Odiase E, Lazar L, Ruan W, **Barth BA**, Williams RF, Dassinger MS. [In-hospital Pediatric Endoscopic Retrograde Cholangiopancreatography Is Associated With Shorter Hospitalization for Children With Choledocholithiasis.](#) *J Pediatr Gastroenterol Nutr*. 2019 Jan;68(1):64-67. PMID: 30044307
4. Collins RRJ, **Barth B**, Megison S, et al. [ACTG2-Associated Visceral Myopathy With Chronic Intestinal Pseudoobstruction, Intestinal Malrotation, Hypertrophic Pyloric Stenosis, Choledochal Cyst, and a Novel Missense Mutation.](#) *Int J Surg Pathol*. 2019 Feb;27(1):77-83. PMID: 30019982
5. Di Bisceglie AM, King WC, Lisker-Melman M, et al; Hepatitis B Research Network (HBRN) (**Rodriguez-Baez N**). [Age, race and viral genotype are associated with the prevalence of hepatitis B e antigen in children and adults with chronic hepatitis B.](#) *J Viral Hepat*. 2019 Jul;26(7):856-865. PMID: 30974509
6. Franklin EV, Simpson V, Berthet-Miron M, Gupta OT, **Barlow SE**. [A Pilot Study Evaluating a Binge-Eating Screener in Children: Development of the Children's Brief Binge-Eating Questionnaire in a Pediatric Obesity Clinic.](#) *Clin Pediatr (Phila)*. 2019 Sep;58(10):1063-1071. PMID: 31331196
7. Gee KM, Jones RE, Casson C, **Barth B, Troendle D**, Beres AL. [More Is Less: The Advantages of Performing Concurrent Laparoscopic Cholecystectomy and Endoscopic Retrograde Cholangiopancreatography for Pediatric Choledocholithiasis.](#) *J Laparoendosc Adv Surg Tech A*. 2019 Nov;29(11):1481-1485. PMID: 31566486



8. **Gurram B**, Sue PK. [Fecal microbiota transplantation in children: current concepts.](#) *Curr Opin Pediatr.* 2019 Oct;31(5):623-629. PMID: 31169545
9. Haberman Y, Karns R, Dexheimer PJ, et al, **Patel AS**, et al. [Ulcerative colitis mucosal transcriptomes reveal mitochondriopathy and personalized mechanisms underlying disease severity and treatment response.](#) *Nat Commun.* 2019 Jan 3;10(1):38. PMID: 30604764
10. Hassan S, Ng VL, **Aqul A**. [It takes a village: primary care of the pediatric liver transplant recipient.](#) *Curr Opin Pediatr.* 2019 Oct;31(5):636-644. PMID: 31369476
11. Krishnakumar C, Ballengee CR, Liu C, et al, **Patel AS**, et al. [Variation in Care in the Management of Children With Crohn's Disease: Data From a Multicenter Inception Cohort Study.](#) *Inflamm Bowel Dis.* 2019 Jun 18;25(7):1208-1217. PMID: 30601983
12. Lightdale JR, Liu QY, Sahn B, **Troendle DM**, Thomson M, Fishman DS; NASPGHAN Endoscopy and Procedures Committee. [Pediatric Endoscopy and High-risk Patients: A Clinical Report From the NASPGHAN Endoscopy Committee.](#) *J Pediatr Gastroenterol Nutr.* 2019 Apr;68(4):595-606. PMID: 30664560
13. Lin TK, Abu-El-Haija M, Nathan JD, et al, **Troendle D**, et al. [Pancreas Divisum in Pediatric Acute Recurrent and Chronic Pancreatitis: Report From INSPPIRE.](#) *J Clin Gastroenterol.* 2019 Jul;53(6):e232-e238. PMID: 29864067
14. Lin TK, Fishman DS, Giefer MJ, Liu QY, **Troendle D**, Werlin S, Lowe ME, Uc A. [Functional Pancreatic Sphincter Dysfunction in Children: Recommendations for Diagnosis and Management.](#) *J Pediatr Gastroenterol Nutr.* Dec;69(6):704-709. PMID: 31567892
15. Liu QY, Abu-El-Haija M, Husain SZ, **Barth B**, et al, **Troendle D**, Werlin SL, Wilschanski M, Zimmerman MB, Lowe ME, Uc A. [Risk Factors for Rapid Progression From Acute Recurrent to Chronic Pancreatitis in Children: Report From INSPPIRE.](#) *J Pediatr Gastroenterol Nutr.* 2019 Aug;69(2):206-211. PMID: 31136562
16. Luffy R, **Troendle DM**. [Endoscopic Management of Duodenal Web.](#) *J Pediatr Gastroenterol Nutr.* 2019 Oct;69(4):e117. PMID: 30628986
17. Messiah SE, Sacher PM, Yudkin J, Qureshi FG, Hoelscher DM, **Barlow SE**. [Partnering Support Interventions with Bariatric Surgery to Maximize Health Outcomes in Adolescents with Severe Obesity.](#) *Obesity (Silver Spring).* 2019 Nov;27(11):1784-1795. PMID: 31562699
18. Narkewicz MR, Horslen S, Hardison RM, Shneider BL, **Rodriguez-Baez N**, et al; Pediatric Acute Liver Failure Study Group. [A Learning Collaborative Approach Increases Specificity of Diagnosis of Acute Liver Failure in Pediatric Patients.](#) *Clin Gastroenterol Hepatol.* 2018 Nov;16(11):1801-1810.e3. PMID: 29723692
19. Pratt J, Jeffers D, King EC, et al, **Patel AS**, et al. [Implementing a Novel Quality Improvement-Based Approach to Data Quality Monitoring and Enhancement in a Multipurpose Clinical Registry.](#) *EGEMS (Wash DC).* 2019 Sep 30;7(1):51. PMID: 31646151

20. Rosenthal P, Ling SC, Belle SH, Murray KF, **Rodriguez-Baez N**, et al; Hepatitis B Research Network (HBRN). [Combination of Entecavir/Peginterferon Alfa-2a in Children With Hepatitis B e Antigen-Positive Immune Tolerant Chronic Hepatitis B Virus Infection.](#) *Hepatology*. 2019 Jun;69(6):2326-2337. PMID: 30318613
21. Schwarz KB, Lombardero M, Di Bisceglie AM, et al, **Rodriguez-Baez N**, et al; Hepatitis B Research Network (HBRN). [Phenotypes of Chronic Hepatitis B in Children From a Large North American Cohort.](#) *J Pediatr Gastroenterol Nutr*. 2019 Nov;69(5):588-594. PMID: 31436702
22. Schwarzenberg SJ, Uc A, Zimmerman B, Wilschanski M, Wilcox CM, Whitcomb DC, Werlin SL, **Troendle D**, et al, **Barth B**, Banks PA, Anderson MA, Amann ST, Alkaade S, Abu-El-Haija M, Abberbock JN, Lowe ME, Yadav D. [Chronic Pancreatitis: Pediatric and Adult Cohorts Show Similarities in Disease Progress Despite Different Risk Factors.](#) *J Pediatr Gastroenterol Nutr*. 2019 Apr;68(4):566-573. PMID: 30897605
23. **Sifuentes-Dominguez LF**, Li H, Llano E, Liu Z, Singla A, **Patel AS**, et al. [SCGN deficiency results in colitis susceptibility.](#) *Elife*. 2019 Oct 30;8. PMID: 31663849
24. **Sifuentes-Dominguez L**, Starokadomskyy P, Welch J, **Gurram B**, Park JY, Koduru P, Burstein E. [Mosaic Tetrasomy 9p Associated With Inflammatory Bowel Disease.](#) *J Crohns Colitis*. 2019 Oct 28;13(11):1474-1478. PMID: 31104071
25. Starokadomskyy P, Wilton KM, Krzewski K, Lopez A, **Sifuentes-Dominguez L**, et al. [NK cell defects in X-linked pigmentary reticulate disorder.](#) *Insight*. 2019 Nov 1;4(21). PMID: 31672938
26. Toney NA, Bell MJ, Belle SH, Hardison RM, **Rodriguez-Baez N**, et al; Pediatric Acute Liver Failure Study Group. [Hepatic Encephalopathy in Children With Acute Liver Failure: Utility of Serum Neuromarkers.](#) *J Pediatr Gastroenterol Nutr*. 2019 Jul;69(1):108-115. PMID: 31058776
27. Turer CB, **Barlow SE**, Sarwer DB, et al. [Association of Clinician Behaviors and Weight Change in School-Aged Children.](#) *Am J Prev Med*. 2019 Sep;57(3):384-393. PMID: 31377089
28. Turer CB, Skinner CS, **Barlow SE**. [Algorithm to detect pediatric provider attention to high BMI and associated medical risk.](#) *J Am Med Inform Assoc*. 2019 Jan 1;26(1):55-60. PMID: 30445547
29. Wilson TA, Liu Y, Adolph AL, Sacher PM, **Barlow SE**, et al. [Behavior Modification of Diet and Parent Feeding Practices in a Community- Vs Primary Care-Centered Intervention for Childhood Obesity.](#) *J Nutr Educ Behav*. 2019 Feb;51(2):150-161.e1. PMID: 30139562
30. Zhu W, Miyata N, Winter MG, Arenales A, Hughes ER, Spiga L, Kim J, **Sifuentes-Dominguez L**, et al. [Editing of the gut microbiota reduces carcinogenesis in mouse models of colitis-associated colorectal cancer.](#) *J Exp Med*. 2019 Oct 7;216(10):2378-2393. PMID: 31358565

