

# Stanford

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## Roberto Gugig

Clinical Professor, Pediatrics - Gastroenterology

### CLINICAL OFFICE (PRIMARY)

- **Pediatric Gastroenterology**

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### Bio

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#### CLINICAL FOCUS

- Pediatric Gastroenterology
- Advance Endoscopy, ERCP, EUS
- Pancreas

#### ACADEMIC APPOINTMENTS

- Clinical Professor, Pediatrics - Gastroenterology

#### PROFESSIONAL EDUCATION

- Internship: UCLA David Geffen School Of Medicine (1996) CA
- Board Certification: Pediatric Gastroenterology, American Board of Pediatrics (2011)
- Fellowship: UCSF Graduate Division - Fellowships (2002) CA
- Residency: Miami Children's Hospital (1999) FL
- Residency: Maimonides Medical Center (1997) NY
- Medical Education: Universidad Central de Venezuela (1994)

### Research & Scholarship

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#### CLINICAL TRIALS

- Effectiveness Gastric Balloon in Obese Adolescents, Not Specified

### Publications

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#### PUBLICATIONS

- **Feasibility and Early Experience with Pediatric Open Access Endoscopy: A Pilot Study.** *Pediatric reports*  
Barakat, M. T., Bass, D. M., Gugig, R.

2025; 17 (6)

- **Intervenable Findings Are Common When ERCP Is Performed for Pediatric Patients When Large Duct Obstruction Is Found on Liver Biopsy: Initial Characterization** *SURGERIES*  
Martin, M., Lee, J., Gugig, R., Charville, G., Barakat, M. T.  
2025; 6 (4)
- **Cold Snare Polypectomy in Pediatric Polyposis: A Multicenter Experience.** *Children (Basel, Switzerland)*  
Friesen, H. J., Attard, T. M., Liman, A. Y., Yasui, O. W., Walsh, C. M., Gugig, R., Barakat, M. T.  
2025; 12 (3)
- **Magnetic endoscopic imaging in pediatric colonoscopy: A positive impact on procedure completion rate and procedure times.** *Journal of pediatric gastroenterology and nutrition*  
Liman, A., Lal, R., Yasui, O. W., Gugig, R., Barakat, M. T.  
2025
- **Precision Delivery of Therapeutics to the Intestine: A Case Series of Superselective Steroid Administration in Pediatric Intestinal Transplant Recipients.** *Transplantation*  
Levitte, S., Guevara-Tique, A. A., Ganguly, A., Syed, A., Gugig, R., Zhang, K. Y., Bonham, C. A., Thakor, A. S.  
2024; 108 (8): e202-e203
- **Pediatric advanced complex endoscopy team enhances endoscopy quality and provider satisfaction.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Bass, D., Goyal, A., Fink, C., Mostamand, S., Gugig, R.  
2024
- **MINIMIZING DUODENOSCOPE-TRANSMITTED INFECTION COMES AT A COST: DUODENOSCOPES WITH SINGLE-USE END CAPS ASSOCIATED WITH HIGHER ADVERSE EVENT RATES IN PEDIATRIC ERCPs**  
Barakat, M., Liman, A., Gugig, R.  
MOSBY-ELSEVIER.2024: AB1087
- **PERCUTANEOUS-TRANSHEPATIC-ENDOSCOPIC RENDEZVOUS PROCEDURES CAN BE SAFELY AND EFFECTIVELY PERFORMED IN PEDIATRIC PATIENTS WITH REFRACTORY BILE DUCT OBSTRUCTION**  
Barakat, M., Josephs, S., Gugig, R.  
MOSBY-ELSEVIER.2024: AB1090-AB1091
- **Initial Experience with Duodenoscopes with Single-Use End Caps in Pediatric Endoscopic Retrograde Cholangiopancreatography: Infection Prevention Comes at a Cost.** *Gastrointestinal endoscopy*  
Barakat, M. T., Liman, A., Gugig, R.  
2024
- **Pediatric ERCP: Evolving into an Outpatient Procedure.** *Digestive diseases and sciences*  
Barakat, M. T., Liman, A. Y., Gugig, R.  
2024
- **Esophageal lung, pulmonary artery sling and congenital tracheal stenosis: A case report** *JOURNAL OF PEDIATRIC SURGERY CASE REPORTS*  
Liang, N. E., Kim, G. S., Gugig, R., Ma, M., Coll, A., Sidell, D., Bruzoni, M.  
2024; 101
- **ENDOSCOPIC ULTRASOUND-PANCREATIC RENDEZVOUS CAN BE SAFELY AND EFFECTIVELY PERFORMED IN PEDIATRIC PATIENTS WHEN PANCREATIC INTERVENTION IS NOT POSSIBLE WITH STANDARD ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY**  
Barakat, M., Liman, A., Gugig, R.  
MOSBY-ELSEVIER.2023: AB1187
- **Endoscopy and Pediatric Pancreatitis.** *Gastrointestinal endoscopy clinics of North America*  
Grover, A. S., Gugig, R., Barakat, M. T.  
2023; 33 (2): 363-378
- **IMPACT OF TRAINEE INVOLVEMENT ON PEDIATRIC ERCP PROCEDURES: RESULTS FROM THE PEDIATRIC ERCP INITIATIVE.** *Journal of pediatric gastroenterology and nutrition*

- Gupta, R., Khalaf, R., Morrison, J., Amankwah, E., Ruan, W., Fishman, D. S., Barth, B. A., Liu, Q. Y., Giefer, M., Kim, K. M., Martinez, M., Dall'oglio, L., Torroni, et al  
2023
- **Case Series of Precision Delivery of Methylprednisolone in Pediatric Inflammatory Bowel Disease: Feasibility, Clinical Outcomes, and Identification of a Vasculitic Transcriptional Program.** *Journal of clinical medicine*  
Levitte, S., Yarani, R., Ganguly, A., Martin, L., Gubatan, J., Nadel, H. R., Franc, B., Gugig, R., Syed, A., Goyal, A., Park, K. T., Thakor, A. S.  
2023; 12 (6)
  - **Pediatric ERCP in the Setting of Acute Pancreatitis: A Secondary Analysis of an International Multicenter Cohort Study.** *Journal of pediatric gastroenterology and nutrition*  
Trocchia, C., Khalaf, R., Amankwah, E., Ruan, W., Fishman, D. S., Barth, B. A., Liu, Q. Y., Giefer, M., Kim, K. M., Martinez, M., Dall'oglio, L., Torroni, F., De Angelis, et al  
2023
  - **The Majority of Patients Who Undergo ERCP When Large Duct Obstruction Is Evident on Liver Biopsy Have Biliary Findings Amenable to Endoscopic Intervention.** *Journal of clinical medicine*  
Martin, M., Lee, J., Gugig, R., Ofosu, A., Charville, G. W., Barakat, M. T.  
2023; 12 (2)
  - **Pancreatic Fluid Leak Causing Mediastinal Shift** *JOURNAL OF PEDIATRIC GASTROENTEROLOGY AND NUTRITION*  
Herdes, R. E., Syed, A. B., Gugig, R.  
2023; 76 (1): E20
  - **Safety and efficacy of minor papillotomy in children and adolescents with pancreas divisum.** *Pancreatology : official journal of the International Association of Pancreatology (IAP) ... [et al.]*  
Barakat, M. T., Husain, S. Z., Gugig, R.  
2022
  - **Pancreatic Fluid Leak Causing Mediastinal Shift.** *Journal of pediatric gastroenterology and nutrition*  
Herdes, R. E., Syed, A. B., Gugig, R.  
2022
  - **Pediatric Endoscopy Blocks: Enhanced Efficiency and Endoscopist Satisfaction.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Pei, F., Gugig, R.  
2022
  - **Technical Outcomes in Pediatric Endoscopic Retrograde Cholangiopancreatography: Data from an International Collaborative.** *Journal of pediatric gastroenterology and nutrition*  
Troendle, D. M., Ruan, W., Fishman, D. S., Barth, B. A., Liu, Q. Y., Giefer, M., Kim, K. M., Martinez, M., Dall'oglio, L., Torroni, F., De Angelis, P., Faraci, S., Bitton, et al  
2022
  - **Technological imbalance: Seeking a small-caliber duodenoscope.** *Gastrointestinal endoscopy*  
Lin, T. K., Barth, B., Fishman, D. S., Fox, V. L., Giefer, M. J., Gugig, R., Kramer, R. E., Liu, Q. Y., Mamula, P., McOmber, M. E., Vitale, D. S., Wilsey, M. J., Troendle, et al  
2022
  - **Advances in Pediatric Diagnostic Endoscopy: A State-of-the-Art Review.** *JPGN reports*  
Lerner, D. G., Mencin, A., Novak, I., Huang, C., Ng, K., Lirio, R. A., Khlevner, J., Utterson, E. C., Harris, B. R., Pitman, R. T., Mir, S., Gugig, R., Walsh, et al  
2022; 3 (3): e224
  - **Cholangioscopy in Children & Adolescents: Utilization, Outcomes & Safety.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Berquist, W. E., Gugig, R.  
2022
  - **Landscape of Pediatric Endoscopic Ultrasound in a United States Tertiary Care Medical Center.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Cagil, Y., Gugig, R.  
2022

- **Predictors of Prolonged Fluoroscopy Exposure in Pediatric ERCP: Results from the Large PEDI Multicenter Cohort.** *Journal of pediatric gastroenterology and nutrition*  
Liu, Q. Y., Ruan, W., Fishman, D. S., Barth, B. A., Tsai, C. M., Giefer, M., Kim, K. M., Martinez, M., Dall'oglio, L., De Angelis, P., Torroni, F., Faraci, S., Bitton, et al  
2021
- **Applicability, efficacy, and safety of over-the-scope clips in children.** *Gastrointestinal endoscopy*  
Sharma, S., Barakat, M., Urs, A., Campbell, D., Rao, P., Schluckebier, D., Gugig, R., Thomson, M.  
2021
- **Nationwide evolution of Pediatric ERCP Indications, Utilization and Re-Admissions over Time.** *The Journal of pediatrics*  
Barakat, M. T., Cholankeril, G., Gugig, R., Berquist, W. E.  
2020
- **Return to Native Drainage: Duodenal Biliary Fistula Formation Following Pediatric Hepatobiliary Surgery with Roux-en-Y Reconstruction.** *Digestive diseases and sciences*  
Barakat, M. T., Josephs, S., Gugig, R.  
2020
- **ENDOSCOPIC ULTRASOUND-GUIDED COIL PLACEMENT IS AN EFFECTIVE, SAFE AND RADIATION-SPARING APPROACH FOR MANAGEMENT OF GASTRIC VARICEAL BLEEDING IN CHILDREN AND ADOLESCENTS**  
Barakat, M., Gugig, R.  
MOSBY-ELSEVIER.2020: AB53
- **THE MAJORITY OF CHILDREN AND ADOLESCENTS WITH PANCREAS DIVISUM AND ACUTE RECURRENT PANCREATITIS EXPERIENCE CLINICAL IMPROVEMENT AFTER ERCP WITH MINOR PAPILOTOMY**  
Barakat, M., Husain, S. Z., Gugig, R.  
MOSBY-ELSEVIER.2020: AB500
- **The Roles of Endoscopic Ultrasound and Endoscopic Retrograde Cholangiopancreatography in the Evaluation and Treatment of Chronic Pancreatitis in Children: A Position Paper From the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition Pancreas Committee.** *Journal of pediatric gastroenterology and nutrition*  
Liu, Q. Y., Gugig, R., Troendle, D. M., Bitton, S., Patel, N., Vitale, D. S., Abu-El-Haija, M., Husain, S. Z., Morinville, V. D.  
2020; 70 (5): 681-693
- **The Roles of EUS and ERCP in the Evaluation and Treatment of Chronic Pancreatitis in Children: A Position Paper from the NASPGHAN Pancreas Committee.** *Journal of pediatric gastroenterology and nutrition*  
Liu, Q. Y., Gugig, R., Troendle, D. M., Bitton, S., Patel, N., Vitale, D. S., Abu-El-Haija, M., Husain, S. Z., Morinville, V. D.  
2020
- **Initial Experience with EUS-guided Coil Placement for Pediatric Gastric Variceal Hemostasis.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Foley, M. A., Gugig, R. n.  
2020; Publish Ahead of Print
- **Fluoroscopy Time during ERCP performed for Children and Adolescents is Significantly Higher with Low-volume Endoscopists.** *Journal of pediatric gastroenterology and nutrition*  
Barakat, M. T., Gugig, R. n., Imperial, J. n., Berquist, W. E.  
2020
- **Out-of-pocket Cost Burden in Pediatric Inflammatory Bowel Disease: A Cross-sectional Cohort Analysis** *INFLAMMATORY BOWEL DISEASES*  
Sin, A. T., Damman, J. L., Ziring, D. A., Gleghorn, E. E., Garcia-Careaga, M. G., Gugig, R. R., Hunter, A. K., Burgis, J. C., Bass, D. M., Park, K. T.  
2015; 21 (6): 1368-1377