



OPEN MEDICAL INSTITUTE

SEMINAR REPORT

PEDIATRIC
GASTROENTEROLOGY
OMI MEX CHOP SEMINAR

June 12-14, 2023

Medical Education Beyond Borders



F A C T S



32 fellows
from **Mexico,**
Columbia, and
Honduras



21 fellows' case
presentations



4 faculty members
from the USA and
Mexico



2 excellent case
presentations



12 didactic lectures



2 fellows' case
presentation sessions

GROUP PHOTO





OMI MEX CHOP Seminar in Pediatric Gastroenterology

Monday, June 12 – Wednesday, June 14, 2023

	Monday June 12	Tuesday June 13	Wednesday June 14
08:00 – 09:00	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST	REGISTRATION & BREAKFAST
09:00 – 10:00	Introductions Pre-Seminar Test	Eosinophilic Esophagitis Chris A. Liacouras, MD	Advanced Endoscopy Techniques Petar Mamula, MD
10:00 – 11:00	Foreign Body Ingestion Management Petar Mamula, MD	Viral Hepatitis David A. Piccoli, MD	Liver Failure David A. Piccoli, MD
11:00 – 11:30	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
11:30 – 12:30	Gastrointestinal Emergencies Pablo Laje, MD	GI Surgical Procedures Pablo Laje, MD	Upper GI Tract Disorders/EGID Chris A. Liacouras, MD
12:30 – 13:30	Allergic Colitis/FPIES/Celiac Disease Chris A. Liacouras, MD	Inflammatory Bowel Disease Petar Mamula, MD	Post-Seminar Test Evaluation & Discussion
13:30 – 14:30	LUNCH	LUNCH	LUNCH CLOSING CEREMONY & AWARDS
14:30 – 15:30	Neonatal Cholestasis David A. Piccoli, MD	Pancreatitis Disease/Surgery Pablo Laje, MD	
15:30 – 17:00	Workshop Fellows' Case Presentations David A. Piccoli, MD Chris A. Liacouras, MD Salvador Villalpando-Carrión, MD, MSc	Workshop Fellows' Case Presentations Petar Mamula, MD Pablo Laje, MD Salvador Villalpando-Carrión, MD, MSc	

Learning Objectives for Participants

At the conclusion of this seminar, the participant should be better able to:

1. Discuss the pathophysiology, signs and symptoms, diagnostic testing, and treatment for pediatric gastrointestinal diseases.
2. Discuss the pathophysiology, signs and symptoms, diagnostic testing, and treatment for pediatric liver diseases.
3. Discuss pediatric gastrointestinal endoscopic therapeutic techniques.
4. Discuss the management and outcome of pediatric gastrointestinal and pancreatic condition requiring surgical therapy
5. Recognize the histologic features of pediatric intestinal and liver diseases.

ACCME Accreditation Statement

Children's Hospital of Philadelphia is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA Credit Designation Statement

Children's Hospital of Philadelphia designates this live activity for a maximum of 15.00 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.



**Petar Mamula, MD
(Course Director)**

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Petar Mamula, MD is a professor of pediatrics at the University of Pennsylvania Perelman School of Medicine, Attending Gastroenterologist in the Division of Gastroenterology, Hepatology and Nutrition and Medical Director of the Endoscopy Suite at the Children's Hospital of Philadelphia. Dr. Mamula received his medical degree from the University of Zagreb Medical School in Croatia in 1991. He completed his internship and residency in pediatrics at the St. Luke's-Roosevelt Hospital Center at the Columbia University, College of Physicians and Surgeons in New York where he also served as the Chief Resident. He subsequently completed his fellowship in pediatric gastroenterology at the Children's Hospital of Philadelphia. Finally, he completed the adult interventional endoscopy fellowship at the Hospital University of Pennsylvania in 2015, the same year he was promoted to Professor of Pediatrics. During his fellowship, Dr. Mamula was the first inflammatory bowel disease (IBD) fellow and concentrated his effort on clinical research and authored several papers in this field. Dr. Mamula is one of the editors of the first Pediatric Inflammatory bowel disease textbook which is currently in print in its 4th edition. Dr. Mamula assumed a leadership position as the Director of the Gastroenterology and Nutrition Diagnostic Endoscopy Suite and his current primary focus of work and research is interventional endoscopy. He has served on various hospital committees and was the Chair of the North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN) Endoscopy and Procedures Committee. He was also NASPGHAN Councilor and recently became a NASPGHAN Fellow. He received several NASPGHAN Endoscopy Awards for his research in the field of pediatric endoscopy. He is the Fellow of the American Society for Gastrointestinal Endoscopy (ASGE) and he served on ASGE Technology Committee. He has participated in numerous clinical studies and has authored over 150 scientific papers and chapters.



**Chris A. Liacouras, MD
(Course Director)**

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Chris A. Liacouras, MD is a Professor of Pediatrics at the University of Pennsylvania School of Medicine and Attending Gastroenterologist in the Division of Gastroenterology, Hepatology and Nutrition and Co-Director of the Center for Pediatric Eosinophilic Disorders and the Exton Specialty Center for the Children's Hospital of Philadelphia. Dr. Liacouras received his bachelor's degree at Johns Hopkins University in 1981 and his medical degree from Harvard University in 1985. He subsequently completed his internship and residency in pediatrics along with his fellowship in pediatric gastroenterology at CHOP. He then became an Assistant Professor of Pediatrics at CHOP in 1991, was promoted to Associate Professor in 2000, and became a full Professor in 2006. Dr. Liacouras assumed a leadership position as the Director of the Gastroenterology and Nutrition Diagnostic Endoscopy Suite and made significant clinical and operational improvements in pediatric endoscopy. He authored several papers on the style and delivery of invasive gastrointestinal sedation and treatment. Dr. Liacouras was a pioneer in community satellite development, starting satellites in Chester County, Exton, and Lehigh Valley. He was named Medical Director of the CHOP Exton Subspecialty Center in 1996. In response to the substantial clinical needs of patients requiring enteral access, Dr. Liacouras established the Pediatric Enteral Access Center (PEAC) in 1998. This multispecialty resource has substantially improved the quality of care given to patients with special nutritional needs. Each year, he sees more than 2,000 outpatients and performs over 400 endoscopic procedures. In 2000, he was named the Medical Director of the CHOP Clinical Trials Organization (which conducts and oversees many industry and NIH based clinical trials). He served as the Chairman of NASPGHAN's Endoscopy and Procedures Committee and the Chair of the Pediatric Section of the ASGE from 2005-2008. Dr. Liacouras helped to develop a Center for Pediatric Eosinophilic Disorders at CHOP for which he has been the Co-Director since 2004. He was a National Councilor for NASPGHAN. He currently participates as a member of TIGERS (The International Gastrointestinal Eosinophilic Researchers). Academically, Dr. Liacouras has authored over 100 peer reviewed papers and more than 150 chapters. He has published several textbooks entitled Clinical Pediatric Gastroenterology, The Requisites: Pediatric Gastroenterology and Eosinophilic Esophagitis. Since 1996, he established both a national and international reputation for his work in eosinophilic esophagitis (EoE) and its therapy. Prior to 1996, this was completely uncharted ground. Since that time, Dr. Liacouras has performed innovative and clinically important research in this area. He is one of the world experts on this disease. He has written a chapter on EoE in almost every major Pediatric Gastrointestinal textbook published. In addition, he has given numerous National and International lectures on the topic. He has also served as a consultant for various formula companies and many pharmaceutical companies which hope

to expand research for eosinophilic GI diseases. He has produced several documentaries and newspaper articles for the national media including two television interviews about EoE. Finally, he is on the medical advisory board of an independent organization known as the American Partnership for Eosinophilic Disorders (APFED). He was a lead author for Guidelines on Eosinophilic Esophagitis that were published in 2007 and were updated in 2011. He was also a lead author for the AGREE manuscript published in 2017 and a co-author for recent international guidelines for EoE severity and Eosinophilic Gastrointestinal Disorders.



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Pablo Laje, MD, FACS is a pediatric surgeon who specializes in gastrointestinal surgery, with a particular interest in pancreatic surgery. Dr. Laje is originally from Buenos Aires, Argentina, where he obtained his medical education and his initial surgical training. After finishing his pediatric surgery training at the National Pediatric Hospital “JP Garrahan” in Buenos Aires, he moved to the USA to obtain special training in fetal surgery and pancreatic surgery. He completed different fellowships at the Children's Hospital of Philadelphia (CHOP) and was appointed attending surgeon at that institution in 2011. Dr. Laje is the surgical director of the Pancreatic Diseases Program, and the surgical director of the Center for Lymphatic Diagnosis and Intervention at CHOP. Dr. Laje is an associate professor of surgery at the University of Pennsylvania and holds the title of Regional Editor of the Journal of Pediatric Surgery (the most relevant journal in the field) and editor-in-chief of the Journal of Pediatric Surgery Case Reports.



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David A. Piccoli, MD is Chief of the Division of Gastroenterology, Hepatology and Nutrition at the Children's Hospital of Philadelphia (CHOP). He is a graduate of Johns Hopkins University (1975) and Harvard Medical School (1979). He was a Resident and Chief Resident in Pediatrics from 1979 to 1983 at Children's Hospital, Boston. He completed his clinical and research fellowships at CHOP in Philadelphia from 1983 to 1986. He became Training Director, Section Chief, Interim Chief, and in 1998, Division Chief. He was the Director of the Fred and Suzanne Biesecker Pediatric Liver Center (2001-2021) and held the Biesecker Professorship and Endowed Chair in Pediatrics at CHOP and Penn. In addition to Hepatology, Dr. Piccoli is active in the Frontier Program in IBD and in Motility Disorders. He has been an Associate Chair of the Department of Pediatrics since 1996. He is also the co-director of the Penn-CHOP Joint Center for Digestive, Liver and Pancreatic Diseases. During Dr. Piccoli's tenure as Chief, the Division has tripled in size, and has vastly expanded its clinical and research missions in gastrointestinal, hepatic, pancreatic and nutritional disorders. The Division trains fellows in gastroenterology, hepatology, motility, IBD and nutrition. Dr. Piccoli has authored over 100 papers, 40 chapters, 130 research abstracts and edited 4 books on areas of pediatric gastroenterology, hepatology, and nutrition. Dr. Piccoli's main areas of clinical and research interest are metabolic and genetic liver diseases, and inflammatory bowel diseases. He developed an early interest in syndromic bile duct paucity and assembled the team that discovered Jagged1 and NOTCH2 as the causes of Alagille Syndrome (ALGS). Over his 40-year career, Dr. Piccoli has received several awards from institutions for his clinical care, teaching, mentorship, research, and work with charitable foundations. His commitment to teaching has been recognized by selection as "Fellow Teacher of the Year, Faculty Teacher Award, (and for Gastroenterology) Cortner Divisional Teaching Award, University of Pennsylvania Class Teaching Award, Blockley-Osler Teaching Award and the Lindback Award for Distinguished Teaching. He has been named Physician of the Year by chapters of the American Liver Foundation and the Crohn's and Colitis Foundation. His mentorship has been recognized by the APGNN Mandell Physician Mentorship Award and by the CHOP Faculty Mentor Award. His clinical expertise has been recognized by "best physician" lists ranging from Philadelphia Magazine to US News and World Report, by induction into the Academy of Master Clinicians at the University of Pennsylvania and by the Murray Davidson Award given by the American Academy of Pediatrics and the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition.



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Salvador Villalpando-Carrión, MD, MSc is a pediatric gastroenterologist from Mexico City. He obtained his medical degree from La Salle University School of Medicine. Dr. Villalpando-Carrión completed his pediatric and pediatric gastroenterologist training at Hospital Infantil de Mexico, where he was chief resident and continues to work as head of the department of pediatric gastroenterology and nutrition since 2014. During his early years in training, he was a pediatric nutrition research fellow at CNRC/Baylor College of Medicine in Houston, Texas. He has both board certifications for pediatrics and pediatric gastroenterology active until 2026. In 2009, he acquired a master's degree in medical science from Facultad de Medicina, of Universidad Nacional Autonoma de Mexico. Also, Dr. Villalpando-Carrión is a professor of pediatrics and pediatric gastroenterology and nutrition at Hospital Infantil de Mexico Federico Gomez from Universidad Nacional Autonoma de Mexico. He has been a member of the National Academy of Pediatrics since 2011 and a member of the North American Society of Pediatric Gastroenterology and Nutrition (NASPGHAN) since 2007. Dr. Villalpando-Carrión's main research interests are in childhood obesity and intestinal rehabilitation, in which he created both programs at the Hospital Infantil de México, where he currently leads the outpatient clinics for pediatric obesity PAIDOS and the home parenteral nutrition program. Father of four, Dr. Villalpando-Carrión currently lives in Mexico City with his neonatologist wife, Dr. Grace Zárate.



Becky Aguilar-Álvarez de Sáenz

Executive Director | AMSA

- Bachelors degree in economics, Instituto Tecnológico Autónomo de México (ITAM)
- Banking and financial career for 15 years
- Member of the Board Civic Committee, Ford Motor Company Mexico
- Treasurer of the Board of Trustees UNETE (Unión de Empresarios por la Tecnología en la Educación)
- Member of the International Women's Forum
- Member of the Mexican Council for International Affairs
- AMSA's Executive Director since 2010



Gerardo Legorreta Creel

Chairman | AMSA

- Chairman of the Board of Trustees, Alianza Médica para la Salud, A. C. (AMSA)
- Studied at the London Business School and Instituto Tecnológico Autónomo de México (ITAM)
- CEO of UBS (Union Bank of Switzerland)
- Member of the Board of Directors of Bepensa, SA de CV
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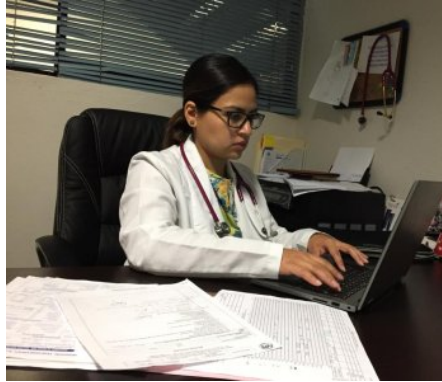
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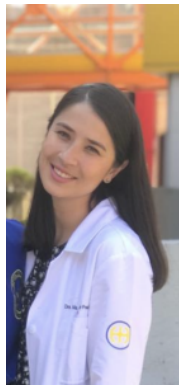
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OMI VOICES

Faculty Feedback

"The OMI seminars in Mexico City were developed to help improve the knowledge of healthcare among young Mexican and Latin American physicians. The greatest benefit of these seminars is derived not only from experienced physicians and professors who are eager to teach but also from the ability to encourage young physicians to learn collegiality and collaborative learning with each other and their teachers."

Chris A. Liacouras, MD

Pediatric Gastroenterology



OMI VOICES

Faculty Feedback

"The group of young physicians was incredibly enthusiastic and reminded me why I love teaching so much. While they already had a remarkable level of basic pediatric gastroenterology and hepatology knowledge, they also showed an ability to quickly expand on that with an impressive and steep learning curve, and made a series of very sophisticated clinical case presentations. There was an abundance of questions, but also exchange of experiences which is the true value of OMI seminars. They give us a unique opportunity to share and learn about each other.

Petar Mamula, MD

Pediatric Gastroenterology



OMI VOICES



“ I was very happy when Dr. Mamula told me that I had won the academic excellence award for the best exam since I did not expect it. This was a real motivation booster!

Alejandro Méndez Contreras, MD
OMI MEX fellow from Mexico



“ During lunch, I had the chance to talk to Dr. Liacouras. I was wondering why in Mexico there are few cases of eosinophilic esophagitis, while in my country, Colombia, we see more cases. I discussed with him the probability of a protective effect of capsaicin, one of the principal components of spicy food.

Carolina Alexandra Zambrano Perez, MD
OMI MEX fellow from Colombia



“ During coffee break, I was able to give Dr. Piccoli a tour of the pediatric ward and the emergency department. Over lunch, we continued our conversation, and he shared anecdotes about his career and how he became a renowned Alagille syndrome expert. His dedication and passion are truly inspiring.

Fernanda Monge Urrea, MD
OMI MEX fellow from Mexico



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