



HARVARD
MEDICAL SCHOOL



MASSACHUSETTS
GENERAL HOSPITAL

Frontiers in Pediatric Gastroenterology, Hepatology & Nutrition 2014



OFFERED BY:
Massachusetts General Hospital

Course Director:
Aeri Moon, MD

Course Administrator:
Marie Angel Alce



MassGeneral Hospital
for Children™

September 11th and September 12th, 2014
Simches Research Center, Boston, Massachusetts

FRONTIERS in PEDIATRIC GASTROENTEROLOGY, HEPATOLOGY and NUTRITION 2014

Who Should Attend

Academic and community pediatric gastroenterologists, adult gastroenterologists, pediatric GI fellows, pediatricians, general practitioners, nurse practitioners, physician assistants

Course Summary

Our third annual Frontiers in Pediatric Gastroenterology, Hepatology and Nutrition is a two-day program. The topics on day 1 will include pediatric aerodigestive disorders, *H. pylori* infection: consensus, *H. pylori* infection: controversies, culinary medicine, IBD (inflammatory bowel disease). The topics on day 2 will include celiac disease, gluten sensitivity, IBS (irritable bowel syndrome), functional GI disorders, diagnosis and treatment of cholestatic liver diseases, current and future treatment options for hepatitis B & C, medical and surgical management of intestinal failure, management of acute and chronic pancreatitis, comparison of the diagnostic accuracy of ERCP, EUS and MRCP.

This symposium is intended to address several important clinical gaps in practice by providing a comprehensive review as well as information on new advances in diagnosis and treatment options in these areas. The symposium will consist of lectures, Q&A sessions, panel discussions and lectures during lunch to include both formal and interactive learning formats.

Learning Objectives

Upon completion of this course, participants will be able to:

- Evaluate the latest diagnostic and treatment options for chronic aspiration and incorporate into practice when appropriate
- Utilize the latest guidelines for *H. pylori* infection in children
- Analyze the latest treatment options for inflammatory bowel disease (IBD)
- Determine the role of nutritional therapy in the management of IBD
- Review the latest research in IBD
- Consider treatment options that will improve outcomes and quality of life for patients with IBD while minimizing the adverse effects
- Evaluate the latest research in celiac disease and gluten sensitivity
- Differentiate gluten sensitivity from irritable bowel syndrome (IBS)
- Incorporate new therapeutic agents into the care of your patients with IBS
- Recognize and manage patients with intestinal failure
- Examine new diagnostic and therapeutic options for acute and chronic pancreatitis
- Recognize when to choose ERCP, EUS or MRCP in patients with pancreatitis

FACULTY LIST

Aerodigestive Disorders

Jaime Belkind-Gerson, MD
Massachusetts General Hospital *for Children*
Shannon Fracchia, MD
Massachusetts General Hospital *for Children*
Stephen Hardy, MD
Massachusetts General Hospital *for Children*

Christopher Hartnick, MD
Massachusetts Eye and Ear Infirmary
Cheryl Hersh, MA, CC-SLP
Massachusetts General Hospital *for Children*

Helicobacter pylori Infection in Children

Steven Czinn, MD
University of Maryland Medical Center

Benjamin Gold, MD
Children’s Center for Digestive Healthcare

Culinary Medicine

John La Puma, MD
Chef MD, CHEF Clinic

Inflammatory Bowel Disease

Jeffrey Biller, MD
Massachusetts General Hospital *for Children*
Wallace Crandall, MD
Nationwide Children’s Hospital
Jess Kaplan, MD
Massachusetts General Hospital *for Children*
Gary Lichtenstein, MD
Hospital of the University of Pennsylvania

Peter Masiakos, MD
Massachusetts General Hospital *for Children*
Christopher Moran, MD
Massachusetts General Hospital *for Children*
George Russell, MD
Massachusetts General Hospital *for Children*
Harland Winter, MD
Massachusetts General Hospital *for Children*

Celiac Disease, Non-Celiac Gluten Sensitivity, Irritable Bowel Syndrome

Timothy Buie, MD
Massachusetts General Hospital *for Children*
Pam Cureton, RD
Massachusetts General Hospital *for Children*
Christine Frissora, MD
Weill Cornell Medical Center

Stefano Guandalini, MD
University of Chicago Medical Center
Daniel Leffler, MD
Beth Israel Deaconess Medical Center
Kate Scarlata, RD

Functional Gastrointestinal Disorders

Emeran Mayer, MD, PhD
UCLA Medical Center

Intestinal Rehabilitation

Stuart Kaufman, MD
Georgetown University Medical Center
Anthony Sandler, MD
Children’s National Medical Center

Hepatobiliary & Pancreatic Diseases

Raymond Chung, MD
Massachusetts General Hospital
David Forcione, MD
Massachusetts General Hospital
Michael Gee, MD, PhD
Massachusetts General Hospital *for Children*

Peter Kelsey, MD
Massachusetts General Hospital
Inbar Spofford, MD
Massachusetts General Hospital *for Children*
Uzma Shah, MD
Massachusetts General Hospital *for Children*

THURSDAY, SEPTEMBER 11, 2014

07:30 – 08:00 AM	Continental Breakfast	
08:00 – 08:10 AM	Opening Remarks	
	Aerodigestive Disorders	
08:10 – 08:30 AM	Multidisciplinary Approach to Chronic Aspiration (GI)	Stephen Hardy, MD
08:30 – 08:50 AM	Multidisciplinary Approach to Chronic Aspiration (ENT)	Christopher Hartnick, MD
08:50 – 09:10 AM	Multidisciplinary Approach to Chronic Aspiration (Pulmonary)	Shannon Fracchia, MD
09:10 – 09:30 AM	Multidisciplinary Approach to Chronic Aspiration (Swallowing Evaluation)	Chery Hersh, MA, CCC-SLP
09:30 – 09:50 AM	Esophageal Motility Disorders	Jaime Belkind-Gerson, MD
09:50 – 10:10 AM	Q & A	
10:10 – 10:30 AM	Coffee Break	
	Helicobacter pylori Infection in Children	
10:30 – 11:00 AM	Consensus	Benjamin Gold, MD
11:00 – 11:30 AM	Controversies	Steven Czinn, MD
11:30 – 11:40 AM	Q & A	
11:40 – 01:00 PM	Lunch	
	Culinary Medicine	
12:00 – 12:40 PM	You Are What You Eat	John La Puma, MD
12:40 – 01:00 PM	Q & A	
	Inflammatory Bowel Disease	
01:00 – 01:30 PM	Vaccination Strategies in Patients with IBD	Jeffrey Biller, MD
01:30 – 02:00 PM	Nutritional Therapy for Pediatric IBD	Wallace Crandall, MD
02:00 – 02:30 PM	Balancing the Risks and Benefits of Biologic Therapy	Gary Lichtenstein, MD
02:30 – 02:50 PM	Coffee Break	
02:50 – 03:10 PM	Fecal Microbiota Transplant (FMT) in the Management of IBD	George Russell, MD
03:10 – 03:30 PM	Use of Probiotics in Pediatric IBD	Jess Kaplan, MD
03:30 – 03:50 PM	Diagnosis and Therapy of Very Early Onset (VEO)-IBD	Christopher Moran, MD
03:50 – 04:10 PM	Surgical Management of Pediatric IBD	Peter Masiakos, MD
04:10 – 04:30 PM	Q & A	
04:30 – 05:30 PM	Case Presentation & IBD Panel Discussion	Harland Winter, MD
	IBD Panel:	Jeffrey Biller, MD
		Wallace Crandall, MD
		Jess Kaplan, MD
		Gary Lichtenstein, MD
		Peter Masiakos, MD
		Christopher Moran, MD
		George Russell, MD
05:30 PM	Adjourn	

FRIDAY, SEPTEMBER 12, 2014

07:30 – 08:00 AM	Continental Breakfast	
08:00 – 08:10 AM	Opening Remarks	
	Celiac Disease, Non-Celiac Gluten Sensitivity & Irritable Bowel Syndrome	
08:10 – 08:40 AM	Celiac Disease	Stefano Guandalini, MD
08:40 – 09:10 AM	Non-Celiac Gluten Sensitivity (NCGS)	Daniel Leffler, MD
09:10 – 09:40 AM	NCGS and Irritable Bowel Syndrome	Christine Frissora, MD
09:40 – 10:10 AM	NCGS and Autism Spectrum Disorder	Timothy Buie, MD
10:10 – 10:30 AM	Q & A	
10:30 – 10:50 AM	Coffee Break	
10:50 – 11:10 AM	Gluten Free Diet	Pam Cureton, RD
11:10 – 11:30 AM	FODMAP Diet	Kate Scarlata, RD
11:30 – 11:40 AM	Q & A	
11:40 – 01:00 PM	Lunch	
	Functional Gastrointestinal Disorders	
12:00 – 12:40 PM	Chronic Stress Induced Visceral Hyperalgesia	Emeran Mayer, MD, PhD
12:40 – 01:00 PM	Q & A	
	Intestinal Rehabilitation	
01:00 – 01:30 PM	Medical Management of Intestinal Failure	Stuart Kaufman, MD
01:30 – 02:00 PM	Surgical Management of Intestinal Failure	Anthony Sandler, MD
02:00 – 02:10 PM	Q & A	
	Hepatobiliary & Pancreatic Diseases	
02:10 – 02:40 PM	Diagnosis and Treatment of Cholestatic Liver Diseases	Uzma Shah, MD
02:40 – 03:10 PM	Current and Future Treatment Options for Hepatitis B & C	Raymond Chung, MD
03:10 – 03:20 PM	Q & A	
03:20 – 03:50 PM	Management of Acute and Chronic Pancreatitis	Peter Kelsey, MD
03:50 – 04:35 PM	Comparison of the Diagnostic Accuracy of ERCP, EUS and MRCP	David Forcione, MD Michael Gee, MD, PhD Inbar Spofford, MD
04:35 – 04:55 PM	Q & A	
04:55 PM	Closing Remarks	

CONFERENCE INFORMATION

ACCREDITATION

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Harvard Medical School designates this live activity for a maximum of 16.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACGME COMPETENCIES

This course is designed to meet one or more of the following Accreditation Council of Graduate Medical Education competencies:

- Patient care • Medical knowledge • Practice-based learning and improvement
- Interpersonal and communication skills • Professionalism • Systems-based practice

REGISTRATION INFORMATION

Tuition Fee:	Physicians	\$400 (USD)
	Reduced Fee for Trainees/Allied Health Professionals	\$200 (USD)

Early Bird Fee:	Registration Deadline: 7/31/14	
	Physicians	\$300 (USD)
	Trainees/Allied Health Professionals	\$150 (USD)

Registration by credit card (American Express, VISA or MasterCard) can be made at: www.cme.hms.harvard.edu/courses/pediatricgi. Registration by check (draft on a United States bank), please make payable to **Harvard Medical School** and mail with registration form to **Harvard Medical School–Department of Continuing Education, PO Box 417476, Boston, MA 02241-7476**. Telephone or fax registration is not accepted. Registration with cash payment is not permitted. Upon receipt of your paid registration an email confirmation from the HMS–DCE office will be sent to you. Be sure to include an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation and certificate.

INQUIRIES

By phone 617-384-8600, Monday–Friday, 10 am to 4 pm (EST) or by email at: hms-cme@hms.harvard.edu.

ONLINE INFORMATION

To register or view activity information online, visit: www.cme.hms.harvard.edu/courses/pediatricgi.

DISCLOSURE POLICY

Harvard Medical School (HMS) adheres to all ACCME Essential Areas, Standards, and Policies. It is HMS's policy that those who have influenced the content of a CME activity (e.g., planners, faculty, authors, reviewers and others) disclose all relevant financial relationships with commercial entities so that HMS may identify and resolve any conflicts of interest prior to the activity. These disclosures will be provided in the activity materials along with disclosure of any commercial support received for the activity. Additionally, faculty members have been instructed to disclose any limitations of data and unlabeled or investigational uses of products during their presentations.

REFUND POLICY

A handling fee of \$60 is deducted for cancellation. Refund requests must be received by postal mail, email or fax one week prior to this activity. No refunds will be made thereafter.

COURSE LOCATION

All sessions for this course will be held at Simches Research Center, 185 Cambridge Street, Boston, MA

ACCOMMODATIONS/TRAVEL

A limited number of rooms have been reserved at Wyndham Hotel (Telephone: 617-742-0461) until 8/28/2014. Please specify that you are enrolled in this course to receive a reduced room rate of \$219 per night Single/Double.

Please do not purchase nonrefundable airline ticket(s) until you have received an email from our office confirming your paid registration. For airline reservations contact the HMS Travel Desk toll free 1-877-4-HARVMD (1-877-442-7863) Monday–Friday 9 am–8 pm (EST). From outside the U.S., Canada, and Virgin Islands, please call 617-559-3764.

REGISTRATION

Frontiers in Pediatric Gastroenterology, Hepatology and Nutrition 2014

September 11-12, 2014
Class #3414427

Tuition Fee:		Early Bird: Deadline 7/31/14
Physicians:	\$400 (USD)	\$300 (USD)
Trainees/Allied Health Professionals:	\$200 (USD)	\$150 (USD)

Print Name Clearly – All Fields Required

Full Name _____
First Middle Initial Last

Mailing Address _____
Street City State Zip

Daytime Phone (____) _____ Fax Number (____) _____

Please note:
Your email address is used for critical information about the course, including registration confirmation, evaluation and certificate. Please be sure to include an email address you check daily or frequently.

Email Address _____

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Department of Continuing Education programs

Profession _____ Degree _____

Primary Specialty _____ Board Certified: ☐Yes ☐No
(Physicians only)

Professional School Attended: ☐Harvard Medical School
(Physicians only) ☐U.S. Medical School
☐International
Year of Graduation: _____

Source Code: WEB

