

VIRGINIA MASON CONTINUING MEDICAL EDUCATION

For the Love of Liver: Medical and Surgical Updates in Liver Disease

PRESENTED BY The Digestive Disease Institute at Virginia Mason

Friday, April 1 – Saturday, April 2, 2016
Seattle



Faculty

COURSE DIRECTORS:

Blaire E. Burman, MD, MAS

Gastroenterologist and Hepatologist
Digestive Disease Institute at Virginia Mason, Seattle, Wash.

Asma Siddique, MD

Hepatologist and Interim Director, Liver Center of Excellence
Digestive Disease Institute at Virginia Mason, Seattle, Wash.

W. Scott Helton, MD, FACS

Director, Liver, Biliary and Pancreas Surgery Center of Excellence
Digestive Disease Institute at Virginia Mason, Seattle, Wash.

KEYNOTE SPEAKERS:

Barry Schlansky, MD, MPH

Gastroenterology and Transplant Hepatology
Assistant Professor of Medicine
Oregon Health & Science University, Portland, Ore.

Roberto Hernandez-Alejandro, MD

HPB Surgery and Surgical Director of Liver Transplantation – London Health
Sciences Centre
Associate Professor, Department of Surgery and Department of Oncology
Schulich School of Medicine & Dentistry, Western University, Canada

GUEST FACULTY:

Renuka Bhattacharya, MD

Clinical Associate Professor of Medicine; Medical Director, Liver Transplant Program
Program Director, Transplant Hepatology Fellowship
University of Washington School of Medicine, Seattle, Wash.

Rex Cheng, MD

Gastroenterology Fellow
University of Washington School of Medicine, Seattle, Wash.

DIGESTIVE DISEASE INSTITUTE AT VIRGINIA MASON FACULTY:

Adnan A. Alseidi, MD, EdM, FACS

Liver, Pancreas, Biliary and Endocrine Surgeon
Director, HepatoPancreatoBiliary Surgical Fellowship

Kasra Badiozamani, MD, Radiation Oncologist

Kimberly Bertens, MD, MPH, FRCSC, HepatoPancreatoBiliary Surgical Fellow

Thomas R. Biehl, MD, FACS, Deputy Chief, Department of Surgery
Head, Section of General, Thoracic and Vascular Surgery

David L. Coy, MD, PhD, HepatoPancreatoBiliary Radiologist

Robert D. Crane, MD, Interventional Radiologist

Hejin Hahn, MD, PhD, Pathologist

Jeffrey A. Hunter, MD, FACS, Surgeon
Director, Bariatric Surgery Center of Excellence

Michael C. Larsen, MD, Gastroenterologist

Bruce B. Lin, MD, Hematologist-Oncologist

Flavio G. Rocha, MD, FACS, Liver, Pancreas and Biliary Surgeon
Co-Director, Research, Digestive Disease Institute

Lindsey M. Siffermann, MS, Manager, Clinical Research Program
Digestive Disease Institute

Jonathan P. Stoehr, MD, PhD, Endocrinologist,
Director, Nutrition Center of Excellence, Digestive Disease Institute

Amy E. Zeigler, PA-C, Hepatology PA, Department of Gastroenterology

For the Love of Liver: Medical and Surgical Updates in Liver Disease

The prevalence of nonalcoholic fatty liver disease (NAFLD) has increased significantly in recent years, while numerous advances in diagnosing and treating disorders of the hepatopancreatobiliary system have been made. Given the overwhelming burden of fatty liver disease, the impetus is on physicians to identify patients with NASH and NAFLD who are at risk for life-threatening complications including end-stage liver disease and liver cancer, and who need effective management and treatment options.

This course is designed to review advances in our understanding of NAFLD and HPB malignancies, to bolster our ability to diagnose and prognosticate, to stall and reverse liver fibrosis, and to successfully manage metastatic disease to the liver. By incorporating multiple specialties — gastroenterology, surgery, oncology, diagnostic and interventional radiology, hepatology and endocrinology — we aim to highlight the importance of multidisciplinary management of NAFLD and of metastatic disease. Learners will be provided with a comprehensive overview of new treatments for both fatty liver disease and HPB malignancies, including etiology, risk factors, early diagnosis, complications, evidence based practice for the treatment of fatty liver disease, advances in surgical management of metastatic disease to the liver, and in oncologic and surgical treatment of cholangiocarcinoma and gallbladder cancer. Special sessions will feature multidisciplinary experts and include a peek at current clinical trials in liver disease across the spectrum of malignancy. Teaching methods include lectures, panel discussion with case presentation, and questions and answers with faculty.

TARGET AUDIENCE: This course is appropriate for internists, gastroenterologists, surgeons, oncologists, radiologists and residents. Day One will be of interest to general and family practitioners who see patients with fatty liver disease. This course is also appropriate for advanced practice providers involved in the care of patients with liver disease.

OBJECTIVES: At the conclusion of this activity, participants should be able to:

- Review NAFLD epidemiology, definition and diagnostic options
- Review latest updates in NAFLD and NASH management highlighted at AASLD
- Recommend current best practices in medical management of fatty liver disease including behavioral and pharmaceutical interventions
- Summarize potential treatments currently in clinical development.
- Evaluate both endoscopic and surgical options for weight loss and management of fatty liver disease
- Define indications and contraindications for the ALPPS procedure for hepatectomy
- Specify the indications and risks of hepatic resection for metastatic colorectal cancer
- Review the diagnosis and management of metastatic pancreatic neuroendocrine tumors
- Discuss the feasibility, safety, efficacy and survival of parenchymal sparing liver surgery
- Review the advantages and limitations of laparoscopic liver surgery
- Discuss the evolving increase in efficacy and safety of multidisciplinary and surgical management of liver tumors

DAY 1: Friday, April 1

Fatty Liver Disease: Diagnosis & Treatment

7:00 a.m. *Registration/breakfast*

7:30 a.m. **Fifth Annual Fritz Fenster Memorial Lecture: Liver Cancer in the Setting of Fatty Liver** | Barry Schlansky, MD, MPH

8:30 a.m. *Break*

8:45 a.m. **Opening Remarks and Overview of Objectives**
Asma Siddique, MD and Blaire Burman, MD

PATHOLOGY AND DIAGNOSIS OF FATTY LIVER

9:00 a.m. **Burden of Fatty Liver** | Blaire Burman, MD

- 9:20 a.m. **Differentiating NAFLD from NASH** | Asma Siddique, MD
9:40 a.m. **MRE: Magnetic Resonance Elastography** | David Coy, MD
9:55 a.m. **Fibroscan & Non-Invasive Biomarkers** | Amy Zeigler, PA-C
10:10 a.m. **Pathology** | Hejin Hahn, MD
10:25 a.m. **Diagnostic Case Panel**
Panel: David Coy, MD; Amy Zeigler, PA-C; Hejin Hahn, MD
11:00 a.m. *Break*
11:15 a.m. **Best of AASLD** | Renuka Bhattacharya, MD and Rex Cheng, MD
12:00 p.m. *Lunch*

MEDICAL MANAGEMENT OF FATTY LIVER

- 1:00 p.m. **Fructose and Diet in the Context of NAFLD** | Jonathan Stoehr, MD
1:45 p.m. **Best Practices in Medical Management** | Asma Siddique, MD
2:15 p.m. **Future Treatments: Clinical Trials** | Lindsey Siffermann, MS
2:30 p.m. *Break*

ENDOSCOPIC AND SURGICAL MANAGEMENT OF OBESITY

- 2:45 p.m. **Endoscopic Management of Weight Loss: Repairs & Gastric Balloon**
Michael Larsen, MD
3:15 p.m. **Surgical Management of Weight Loss** | Jeffrey Hunter, MD
3:45 p.m. **Wrap Up** | Asma Siddique, MD and Blaire Burman, MD
4:00 p.m. *Adjourn*

DAY 2: Saturday, April 2

Liver Tumors: Frontiers in Treatment

- 7:30 a.m. *Registration/breakfast*
8:00 a.m. **Topic Introduction and Overview of Today's Objectives** | Scott Helton, MD

ADVANCES IN LIVER SURGERY

- 8:15 a.m. **History and Best Practices in Liver Surgery** | Scott Helton, MD
8:35 a.m. **Associating Liver Partition and Portal Vein Ligation for Staged Hepatectomy (ALPPS)** | Roberto Hernandez-Alejandro, MD
9:15 a.m. **Laparoscopic Surgery & Parenchymal Sparing** | Adnan Alseidi, MD
9:35 a.m. **Ablative Modalities in Liver Surgery** | Flavio Rocha, MD
9:55 a.m. **SBRT for Unresectable Liver Tumors** | Kasra Badiozamani, MD
10:15 a.m. *Break*

METASTATIC DISEASE TO THE LIVER

- 10:35 a.m. **Surgical Management of Colorectal Cancer with Liver Mets**
Thomas Biehl, MD
11:05 a.m. **Metastatic Neuroendocrine Tumors to the Liver** | Kimberly Bertens, MD
11:25 a.m. **Other Liver Metastases** | Adnan Alseidi, MD
11:45 p.m. *Lunch (provided)*

CHOLANGIOCARCINOMA AND GALLBLADDER CANCER

- 12:45 p.m. **Cholangiocarcinoma and Gall Bladder Cancer Treatment** | Flavio Rocha, MD
1:05 p.m. **Interventional Radiology Update: Drains, Y90, and TACE**
Robert Crane, MD
1:25 p.m. **New Oncology Trials in Liver Cancer** | Bruce Lin, MD
1:45 p.m. **Multidisciplinary Case Panel** | *Panel: Roberto Hernandez-Alejandro, MD; Flavio Rocha, MD; Bruce Lin, MD; Robert Crane, MD*
2:45 p.m. **Final Q&A and Closing Remarks** | Scott Helton, MD
3:00 p.m. *Adjourn*

To register, complete the form below and send via:



MAIL:

Virginia Mason CME Dept.
1100 9th Ave, D3-CME
Seattle, WA 98101



PHONE: (206) 341-0142



FAX: (206) 341-1480



E-MAIL: cme@virginiamason.org

WEB: VirginiaMasonCME.org

Cancellation and Refund Policy: Refunds will be made for a fee of \$25 if written notice of cancellation is received at least 14 calendar days prior to the activity.

Registration

For the Love of Liver: Medical and Surgical Updates in Liver Disease

Friday, April 1 – Saturday, April 2, 2016



Please print clearly

NAME _____ DEGREE/CREDENTIALS _____

SPECIALTY _____

ORGANIZATION _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE _____ E-MAIL _____

Please add me to your e-mail list for news of upcoming CME courses at Virginia Mason.

TUITION:

Complete Course: \$350 **Day 1 Only:** \$175 **Day 2 Only:** \$175

Check enclosed. Make check payable to Virginia Mason CME

Please charge my: VISA MasterCard American Express Discover

CARD NUMBER _____ EXPIRATION DATE _____

CARDHOLDER NAME _____ SIGNATURE _____

Accreditation with Commendation: The Virginia Mason Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Credit Designation: The Virginia Mason Medical Center designates this live activity for a maximum of **12.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Day 1 Fatty Liver Disease: Diagnosis & Treatment: Application for CME credit has been filed with the American Academy of Family Physicians (AAFP). **Determination of credit is pending.**

Location: The course will be held at Virginia Mason Hospital and Seattle Medical Center in the Volney Richmond Auditorium in Lindeman Pavilion, Level One, 1201 Terry Avenue (between Seneca and University Streets) in Seattle, Washington. For further information, please contact the CME Department at (206) 341-0142 or e-mail cme@virginiamason.org.