



Banner  
University Medicine  
Transplant Institute

**13th Annual Southwest Liver Disease Symposium:  
Advances in Hepatology 2019**

**Saturday, February 23, 2019 • 7am – 4:20pm**  
Scottsdale Resort at McCormick Ranch, Scottsdale, Arizona



## PROGRAM CHAIRPERSONS

**Nayan Patel, DO, MPH:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix; Co-Director, Banner – University Medicine Transplant Institute, Advanced Liver Disease and Liver Transplant Center, Phoenix, AZ

**Anil Seetharam, MD:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix; Co-Director, Banner – University Medicine Transplant Institute, Advanced Liver Disease and Liver Transplant Center, Phoenix, AZ

## GUEST FACULTY

**Naga Chalasani, MD:** David W. Crabb Professor & Associate Dean for Clinical Research, Director, Division of Gastroenterology and Hepatology, Indiana University School of Medicine, Indianapolis

**Steve Chen, MD:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix, Interventional Radiology

**Steven-Huy B. Han, MD, AGAF, FAASLD:** Professor of Medicine & Surgery, Program Director, Advanced Transplant Hepatology Fellowship, Director, Hepatology Clinical Research Center, University of California Los Angeles, Pflieger Liver Institute

**Cynthia Levy, MD, AGAF, FAASLD:** Associate Professor of Medicine, University of Miami, FL; Program Director, Transplant Hepatology Fellowship, Assistant Director, Schiff Center for Liver Diseases, Miami, FL

**Shivang Mehta, MD:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix

**Patrick Northup, MD, MHS, FAASLD, FACG:** Medical Director, Liver Transplantation, Institute; Section Head, Hepatology; Assistant Professor, University of Virginia, Charlottesville

**Amit Singal, MD, MS:** David Bruton Jr. Professor in Clinical Cancer Research, Associate Professor of Medicine, Medical Director of Liver Tumor Program, Clinical Chief of Hepatology, University of Texas Southwestern, Dallas

**Teodor Pitea, MD:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix; Director, Interventional Endoscopy, Banner – University Medical Center Phoenix

## PHYSICIAN EDUCATION CREDIT

Banner Health is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Banner Health designates this live activity for a maximum of **7.0 Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

## CLINICAL EDUCATION CREDIT

Continuing education credits have been requested from Banner Health's Clinical Education Department an approved provider of continuing education by the Continuing Nursing Education Group, an accredited approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

## DISCLOSURE STATEMENT

This symposium is supported in part by educational grants from industry. Banner Health strives for balance, independence, objectivity and scientific rigor in all sponsored educational programs. Faculty and program planners are required to disclose any financial conflict of interest relevant to their involvement with the symposium. Disclosure information will be provided in the symposium syllabus. Potential conflicts of interest reported by planners and faculty have been assessed and resolved according to Banner Health policy.

## OBJECTIVES

**Naga Chalasani, MD:** NAFLD / NASH Update

- Define the scope of the NAFLD and NASH epidemic
- Discuss the current treatment options, pharmacotherapy pipeline and how we can achieve durable improvement in inflammation and fibrosis
- Discuss how the increasing prevalence of NASH will impact liver transplantation

**Cynthia Levy, MD, AGAF, FAASLD:** Cholestatic Liver Disease Update

- Discuss the diagnosis and management of PBC and PSC
- Discuss the advances in treatment of PBC and PSC

**Amit Singal, MD, MS:** Hepatocellular Carcinoma (HCC) Update

- Review the incidence of HCC and role of screening in early detection of HCC
- Review the medical treatment options for HCC
- Discuss the role of tumor biology to predict which patients will respond favorably to medical treatment and transplant

**Patrick Northup, MD, MHS, FAASLD, FACG:** Coagulation, Bleeding & Vascular Thrombus in Cirrhosis

- Discuss alterations in the coagulation cascade in patients with cirrhosis
- Discuss the impact of vascular thrombosis, particularly portal vein thrombus (PVT), in patients with cirrhosis
- Discuss the role of oral anticoagulants in cirrhosis

**Steven Han, MD, AGAF, FAASLD:** Hepatitis B Update

- Discuss the natural history of hepatitis B
- Discuss the use of current antiviral regimens
- Discuss the role of prophylaxis in the patient at risk for hepatitis B reactivation

**Steve Chen, MD:** Gastric Variceal Bleeding

- Discuss the management of gastric variceal bleeding in cirrhosis

**Teodor Pitea, MD:** Cholecystitis in the Cirrhotic Patient

- Discuss non-surgical interventional endoscopy management of cholecystitis in the cirrhotic patient

**Shivang Mehta, MD:** Drug Induced Liver Disease (DILI)

- Discuss the diagnosis of suspected DILI
- Discuss the management of DILI

**Anil Seetharam, MD:** Acute Liver Failure

- Discuss the diagnosis of acute liver failure
- Discuss the management of acute liver failure

**Nayan Patel, DO, MPH:** Severe Acute Alcoholic Hepatitis

- Discuss the complication of acute alcoholic hepatitis
- Discuss which patients may be candidates for liver transplantation



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## Please Join us as at the 13th Annual Southwest Liver Disease Symposium: Advances in Hepatology 2019



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**Anil Seetharam, MD:** Clinical Assistant Professor of Medicine, The University of Arizona College of Medicine – Phoenix; Co-Director, Banner Advanced Liver Disease and Transplant

### ABOUT THE PROGRAM

You are invited to the 13th annual Banner Southwest Liver Disease Symposium, highlighting Banner Health's commitment to improving the health of our patients and the dissemination of medical knowledge in our community. Our Advanced Liver Disease Center and Banner Transplant Institute continue to grow at an extraordinary rate. In 2016, we were one of the fastest growing liver transplant programs in the nation and in 2017 we performed 93 liver transplants. We continue to provide quality compassionate care to a complex and challenging patient population while maintaining excellent outcomes.

Nationally recognized speakers will provide updates about advances in treatment, controversies and best practices for conditions that affect patients with liver disease. This year there will be state of the art lectures and updates will be presented on non alcoholic steatohepatitis (NASH), hepatocellular carcinoma (HCC), hepatitis B, cholestatic liver disease, coagulation in liver disease and hepatology emergencies.

### Practice Gap

The practice gap is based on the need to maintain a high level of proficiency and knowledge with the latest developments in a particular field, especially as therapeutics evolve rapidly. For 12 years, participants have affirmed that this symposium is a highly relevant educational experience that enhances the care of patients they treat with liver disease. Nationally known speakers provide updates about advances in treatment, controversies and best practices for conditions that affect patients with liver disease.

On the 2017 and 2018 evaluation survey, participants requested regular updates in new therapies and approaches to three common conditions: non alcoholic fatty liver disease (NAFLD), cholestatic liver disease and hepatocellular carcinoma. Additionally, patients with cirrhosis are at risk for vascular thrombosis including portal vein thrombus which affects the morbidity, mortality and outcomes after liver transplantation. A lecture has been added to address this very topic. For the upcoming symposium we will be adding lectures which pertain to emergencies in hepatology including acute liver failure, drug induced liver disease, alcoholic hepatitis, gastric variceal bleeding and gallbladder disease in the cirrhotic patient. These are all situations which occur in the community and we will be addressing the management and proper time to transfer a patient for expert management.

### Who Should Attend?

- Gastroenterologists
- Hepatologists
- Primary Care Physicians
- Surgeons
- Nurses & Nurse Practitioners
- Physician Assistants
- Residents & Medical Students
- Fellows

### EVENT SCHEDULE: SATURDAY, FEBRUARY 23, 2019

TIME	DESCRIPTION	PHYSICIAN
7am – 8am	Breakfast / Registration	—
8am – 8:05am	Welcome / Intro	—
8:05am – 8:50am	NAFLD / NASH Update	Naga Chalasani, MD
8:50am – 9:35am	Cholestatic Liver Disease Update	Cynthia Levy MD, AGAF, FAASLD
9:35am – 9:50am	Break	—
9:50am – 10:35am	Hepatocellular Carcinoma Update	Amit Singal, MD, MS
10:35am – 11:20am	Coagulation, Bleeding & Thrombosis in Cirrhosis	Patrick Northup, MD, MHS, FAASLD, FACG
11:20am – 12pm	Case Presentation & Panel Discussion	—
12pm – 1pm	Lunch	—
1pm – 1:45pm	Hepatitis B Update	Steven Han MD, AGAF, FAASLD
1:45pm – 2:05pm	Gastric Variceal Bleeding	Steve Chen, MD
2:05pm – 2:25pm	Cholecystitis in the Cirrhotic Patient	Teodor Pitea, MD
2:25pm – 2:40pm	Break	—
2:40pm – 3pm	Drug Induced Liver Disease (DILI)	Shivang Mehta, MD
3pm – 3:20pm	Acute Liver Failure	Anil Seetharam, MD
3:20pm – 3:40pm	Severe Acute Alcoholic Hepatitis	Nayan Patel, DO, MPH
3:40pm – 4pm	Case Presentation & Panel Discussion	—
4pm – 4:20pm	Debrief & Closing Statements	—

### Wi-Fi and Electronic Devices

Complimentary Wi-Fi will be available in the meeting room during the symposium. We strongly urge you to consider bringing an electronic device to take notes instead of using paper. Your notes will be easier to read and organize. Electricity will be provided in the symposium room to keep your electronic device charged.

### What to Wear

Men should dress comfortably in trousers and shirts/polos; ladies in skirts or pants and knit tops/blouses. The symposium room is air conditioned and it is sometimes difficult to keep a moderate temperature for all. We recommend that you bring a jacket or sweater.

### Photography

A photographer will be on-site taking candid shots during the symposium. When you register, you are giving us permission to take and use these photos for future advertisements, brochures, etc.



### A DESTINATION EVENT

**The Scottsdale Resort at McCormick Ranch**  
7700 E. McCormick Parkway, Scottsdale, AZ 85258  
**480.991.9000 • TheScottsdaleResort.com**

A block of special group rate rooms has been reserved for attendees at The Scottsdale Resort at McCormick Ranch. Space is limited, so please make your resort reservation as soon as you can.

### Group Rate \$239/night

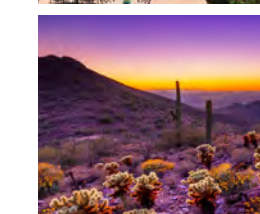
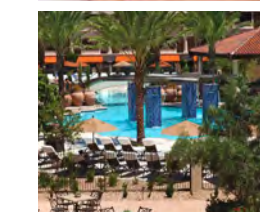
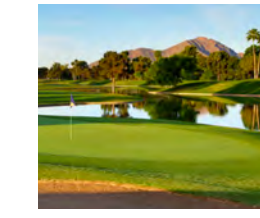
(plus applicable taxes and a \$15 daily resort fee)  
**Check-in time:** 4pm • **Check-out time:** 12pm

You should identify yourself as an attendee for the 13th Annual Southwest Liver Disease Symposium that begins on February 23, 2019 in order to receive the discounted room rate. This rate is available 3 days before and 3 days after the symposium based on availability. We recommend that you register early should you wish to extend your stay.

The resort must receive all reservation requests on or before **January 22, 2019.**

### On-site and Local Amenities:

- **Pool / Spa / Indoor & Outdoor Fitness Amenities**
- **Casual Elegance Dining:** Kitchen West Restaurant
- **Golf:** McCormickRanchGolf.com
- **Casino:** TalkingStickCasino.com
- **OdySea Aquarium:** OdyseaAquarium.com
- **Butterfly Exhibit:** ButterflyWonderland.com
- **Crackerjax Family Fun & Sports Park:** CrackerJax.com



### SYMPOSIUM REGISTRATION

Please register for the symposium and secure your resort reservation before purchasing non-refundable airline tickets.

To register for the symposium: **800.230.CARE (2273)** or **BannerHealth.com/230CARE**. You will be asked to provide your name and contact information including your e-mail address and how you will pay for the symposium: check or credit card. When all of the contact information is completed you will submit the form and receive a receipt. The receipt can be printed and used for reimbursement if needed. **Lunch & snacks will be provided.**

### Cancellations

Should you need to cancel your registration, a credit will be issued for next year's liver disease symposium. Please note, Banner will not reimburse any accrued travel expenses.

### Registration Fees

CATEGORY	EARLY BIRD COST*	REGULAR COST
Physicians	\$175	\$200
NP's, PA's, Pharmacy	\$95	\$120
Nurses, Residents, Fellows	\$25	\$50
Banner Employees	complimentary	complimentary

*\*Early bird discount is available if you register by February 8, 2019*

**To Register for the Symposium:**  
**BannerHealth.com/230CARE**  
**602.230.CARE (2273) within Arizona**  
**800.230.CARE (2273) outside of Arizona**

**For questions or to request special accommodations while attending this symposium, please contact Katie MacTaggart:**  
**602.839.2138 or Kathleen.MacTaggart@BannerHealth.com**



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**Don't miss your chance to win great prizes in our raffle drawings after the symposium!**  
(must be present to win)

*On behalf of our sponsors and exhibitors, we thank you for attending our symposium and we hope you will enjoy this unique learning experience.*