

Mayo School of Continuing Medical Education

*Mayo Clinic*

# Update in Hepatology & Liver Transplantation

## Course Highlights:

- **Comprehensive up-to-date review of clinical topics related to hepatitis B & C, fatty liver disease, portal hypertension and liver transplantation.**
- **Lively discussion based on case presentations and debates.**
- **Interactive audience participation throughout lectures and case discussion**

September 16 – 17,  
**2005**

LeMeridien  
Minneapolis Hotel  
Minneapolis, Minnesota

Mayo Clinic  
Course Directors:  
*W. Ray Kim, M.D.*  
*Vijay H. Shah, M.D.*

Guest Faculty:  
*Morris Sherman, M.D.*  
*University of Toronto*  
*Toronto, ON Canada*

*Michael Fried, M.D.*  
*University of North Carolina*  
*Chapel Hill, NC*



[www.mayo.edulcme](http://www.mayo.edulcme)

# General Information

## Intended Audience

This course is intended for practicing internists, gastroenterologists, hepatologists, transplant surgeons and other health care providers interested in an update on liver disease.

## Course Description

This educational program will provide a balanced and objective assessment of the most recent advances in hepatology and liver transplantation. A comprehensive up-to-date review of clinical topics related to viral hepatitis, fatty liver disease, liver mass, and end stage liver disease will be covered. The course offers didactic lectures, case presentations with interactive audience participation, round table discussions, and two pro-con debates. There will be ample time for the participants to interact with the course faculty.

## Course Learning Objectives

- Understand natural history of chronic hepatitis B, identify treatment indication and optimal treatment modalities
- Formulate treatment strategies for patients with hepatitis C, based on individual characteristics
- Optimize management of patients with end stage liver disease
- Practice evidence-based approaches to patients with fatty liver disease and mass lesions

*Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.*

## Date and Location

Update in Hepatology & Liver Transplantation will be held September 16-17, 2005. Course headquarters will be located at the LeMeridien Minneapolis Hotel in Minneapolis, Minnesota. LeMeridien Minneapolis Hotel of downtown Minneapolis is superbly located at the center of the city's business, entertainment, shopping and theatre districts.

## Special Guest Faculty

It is our honor to have Dr. Morris Sherman, University of Toronto and Dr. Michael Fried, University of North Carolina as our special guests.

Dr. Michael Fried is Professor of Medicine and Associate Director of Gastroenterology & Hepatology at the University of North Carolina at Chapel Hill. He is also the Associate Director of the General Clinical Research Center. Dr. Fried is an internationally known leader in the clinical investigation of viral hepatitis. He was a principle investigator of several pivotal studies in the treatment of chronic viral hepatitis B and C.

Dr. Morris Sherman is Associate Professor and staff gastroenterologist in the Department of Medicine at the University of Toronto and the Toronto Hospital. Dr. Sherman's research and practice interests have been in the area of viral hepatitis and hepatocellular carcinoma. He is a leading authority in these fields in Canada.

## Welcome Reception

Friday, September 16th, 2005 attendees and their guest(s) are cordially invited to join the course faculty for the Welcome Reception on Friday evening. This casual reception welcomes you to Minneapolis and offers you the perfect opportunity to make connections with existing and new colleagues. Pre-registration is requested.

# General Information

## Registration

**Please Note** – To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfasts, break refreshments, lunch on Friday and a Friday evening reception. Please indicate on your registration form if you plan to attend the Friday evening reception.

Although it is not a Mayo School of Continuing Medical Education policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is strongly advised.

A letter of confirmation will be sent upon receipt of payment and completed registration form. Registrations are not confirmed verbally.

Please present the confirmation letter when checking in at the meeting registration desk.

## Cancellation Policy

Your registration fee, less a \$50 administrative fee, will be refunded when written notification is received by the Mayo College of Continuing Medical Education before August 30th, 2005 (fax#: 507-284-0532). No refunds will be extended after that date.

## Credit

Mayo College of Continuing Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

Mayo College of Continuing Education designates this educational activity for a maximum of 12.50 category 1 credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits he/she actually spent in the activity.

The American Medical Association has determined that non-US licensed physicians who participate in this CME activity are eligible for AMA PRA category 1 credit.

## Educational Grants

This course is supported in part by educational grants from industry, in accordance with ACCME Standards. At the time of this printing, a complete listing of commercial supporters was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting.

## Lodging Accommodations

LeMeridien Hotel of Minneapolis is extending a special rate of \$180 plus per night to course participants for a Superior Room, single or double occupancy. To ensure accommodations and the discounted rate, please make your reservations by August 15th, 2005 and please identify yourself as a participant with the *Mayo Clinic Update in Hepatology and Liver Transplantation* course.

All reservations must be accompanied by a first night room deposit or guaranteed to a major credit card. The LeMeridien will not hold reservations unless secured by one of the above methods.

**LeMeridien Minneapolis Hotel**  
601 First Avenue North  
Minneapolis, Minnesota 55403  
612-677-1100 or 800-543-4300  
[www.minneapolis.lemeridien.com](http://www.minneapolis.lemeridien.com)

It is highly recommended that you reserve your room early. The LeMeridien Hotel frequently sells out of guests rooms several weeks in advance.

For other accommodation options, you may wish to visit the Greater Minneapolis Convention & Visitors Bureau [www.minneapolis.org](http://www.minneapolis.org) or 888-676-6757.

# General Information

## Travel

Northwest Airlines is the official carrier for this Mayo course. Reduced airfares are available for participants by calling Northwest Airlines or the designated travel agency, Corporate Travel at 800-526-4540. Please reference this course under *Mayo Clinic-Update in Hepatology and Liver Transplantation*. The cut off date for this Northwest Airlines promotion is August 15th, 2005.

Access to and from the Minneapolis- St. Paul International Airport is available by taxi cab, bus or limousine service. The airport is located approximately 13 miles from downtown Minneapolis.

## Faculty

### Mayo Clinic Course Directors

*W. Ray Kim, M.D.*

*Vijay H. Shah, M.D.*

### Mayo Faculty

*James C. Andrews, M.D.*

*Todd H. Baron, Sr. M.D.*

*David J. Brandhagen, M.D.*

*Michael R. Charlton, M.B.B.S.*

*Albert J. Czaja, M.D.*

*David D. Douglas, M.D.*

*John B. Gross, Jr. M.D.*

*J. Eileen Hay, M.B.Ch.B.*

*Julie K. Heimbach, M.D.*

*Patrick S. Kamath, M.D.*

*Michael J. Krowka, M.D.*

*John J. Poterucha, M.D.*

*Lewis R. Roberts, M.B.Ch.B., Ph.D.*

*Charles B. Rosen, M.D.*

*Michael G. Sarr, M.D.*

*James S. Scolapio, M.D.*

*Charmaine A. Stewart, M.D.*

*Jayant A. Talwalkar, M.D.*

*Mark D. Topazian, M.D.*

*Russell H. Wiesner, M.D.*



## Faculty Disclosure

As a provider accredited by ACCME, Mayo School of Continuing Education must ensure balance, independence, objectivity and scientific rigor in its educational activities. All faculty participating in a Mayo School of Continuing Education activity are required to disclose commitments to and/or relationships with pharmaceutical companies, biomedical device manufacturers or distributors, or others whose products or services may be considered to be related to the subject matter of the educational activity. Faculty will also disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these commitments and/or relationships will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.



# Program Schedule

## Friday, September 16, 2005

- 8:00 a.m. **Welcome and Introduction**  
*W. Ray Kim, M.D. and Vijay Shah, M.D.*
- Session 1: Hepatitis B**
- 8:05 a.m. **Epidemiology, Natural History, Genotype, Mutants**  
*W. Ray Kim, M.D.*
- 8:25 a.m. **Diagnostic Tools in HBV Patients**  
*Dr. David Douglas*
- 8:45 a.m. **Treatment: State-of-the-Art**  
*Dr. Michael Fried*
- 9:10 a.m. **Debate – First Line Therapy for HBeAg-Negative Patients: Interferon vs. Analogues**  
*Dr. David Douglas vs. Dr. Morris Sherman*
- 9:30 a.m. **Question and Answer Session**
- 9:50 a.m. **Refreshment Break**
- Session 2: Hepatitis C**
- 10:05 a.m. **Treatment: State-of-the-Art**  
*Dr. Russell Wiesner*
- 10:30 a.m. **Are Special Populations Special Anymore?**  
*Dr. John Gross*
- 10:50 a.m. **Hepatitis C FAQ'S: Side Effect Management, Herbs, and Nutrition**  
*Dr. John Poterucha*
- 11:10 a.m. **On the Horizon for Hepatitis C Treatment**  
*Dr. Michael Fried*
- 11:30 a.m. **Question and Answer Session**
- 11:50 a.m. **Lunch Break Out**
- Metabolic Liver Disease – *Dr. David Brandhagen, Dr. John Gross*
  - Cholestatic/Autoimmune Liver Disease – *Dr. Albert Czaja, Dr. Jay Talwalkar*
  - Endoscopic Issues in Hepatology – *Dr. Todd Baron, Dr. Mark Topazian*
  - Acute Liver Disease – *Dr. J. Eileen Hay, Dr. Charmaine Stewart*
- Session 3: End Stage Liver Disease and Liver Transplantation**
- 1:00 p.m. **Portal Hypertensive Complications Refractory to Standard Management**  
*Dr. Patrick Kamath*
- 1:20 p.m. **Pulmonary Complications of Cirrhosis**  
*Dr. Michael Krowka*
- 1:40 p.m. **Preventive Management of Patients with Cirrhosis: Osteoporosis, Sexual Dysfunction, Screening Issues**  
*Dr. J. Eileen Hay*
- 2:00 p.m. **Debate: Beta Blockade vs. Endoscopy for Primary Prevention of Variceal Bleeding**  
*Dr. Patrick Kamath vs. Dr. Todd Baron*
- 2:20 p.m. **What Referring Physicians Need to Know in Era of Meld**  
*Dr. Charles Rosen*

# Program Schedule

- 2:40 p.m. **Liver Donor Transplantation in 2005**  
*Dr. David Brandhagen*
- 3:00 p.m. **Question and Answer Session**
- 3:15 p.m. **Refreshment Break**
- Session 4: CPC**
- 3:30 p.m. **Cases: Viral Hepatitis**  
*Dr. David Douglas, Dr. Michael Fried, Dr. John Gross, Dr. Russell Wiesner*
- 4:15 p.m. **Cases on Non-Neoplastic Liver Disease**  
*Dr. David Brandhagen, Dr. Patrick Kamath, Dr. J. Eileen Hay, Dr. Jay Talwalkar*
- 5:00 p.m. **Adjourn**
- 5:30-6:30 p.m. **Reception**

## Saturday, September 17, 2005

- Session 5: Fatty Liver Disease**
- 8:00 a.m. **Obesity: What Do We Know About Pathophysiology and Management in 2005?**  
*Dr. James Scolapio*
- 8:20 a.m. **NASH: Medical Treatment**  
*Dr. Michael Charlton*
- 8:40 a.m. **Bariatric Surgery and the Liver**  
*Dr. Michael Sarr*
- 9:00 a.m. **Alcoholic Liver Disease**  
*Dr. Vijay Shah*
- 9:20 a.m. **Question and Answer Session**
- 9:35 a.m. Refreshment Break
- Session 6: Liver Mass**
- 9:50 a.m. **Evaluation of a Liver Mass**  
*Dr. Lewis Roberts*
- 10:10 a.m. **HCC: State-of-the-Art**  
*Dr. Morris Sherman*
- 10:30 a.m. **Radiologic Intervention for Liver Mass**  
*Dr. James Andrews*
- 10:50 a.m. **Cholangiocarcinoma: A Glimmer of Hope**  
*Dr. Julie Heimbach*
- 11:10 a.m. **Cases: Liver Mass**  
*Dr. Lewis Roberts, Dr. James Andrews, Dr. Morris Sherman, Dr. Patrick Kamath*
- 11:50 a.m. **Question and Answer Session**
- 12:10 p.m. **Closing Remarks**  
*W. Ray Kim, M.D., Dr. Vijay Shah*

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September 16-17, 2005

LeMeridien Minneapolis Hotel • Minneapolis, Minnesota

**Mail form and payment to:**  
Mayo School of Continuing Medical Education  
200 First Street SW  
Rochester, MN 55905

**Telephone:** 800-323-2688 or 507-284-2509  
**FAX:** 507-284-0532  
**Website:** www.mayo.edu/cme  
**E-Mail:** cme@mayo.edu

## Contact Information

Name of Registrant - first name, middle name or initial, and last name		Degree - select all that apply <input type="checkbox"/> MD <input type="checkbox"/> PhD <input type="checkbox"/> DO <input type="checkbox"/> PA <input type="checkbox"/> NP <input type="checkbox"/> Other - specify:	
Name of Institution		Medical Specialty	
Preferred Mailing Address - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home			
Work/Business Address - street address		Work Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
Home Address - street address		Home Phone - include all country and city/area codes as needed along with complete phone number	
City	State or Province	ZIP or Postal Code	Country
E-mail Address		FAX - include all country and city/area codes as needed along with complete phone number	FAX Location - select one <input type="checkbox"/> Work/Business <input type="checkbox"/> Home
<b>SPECIAL NEEDS</b> If you have special assistance needs or dietary restrictions, describe here:			
Registration Fee	\$400 (USD)	\$ _____	
Total Payment Enclosed		\$ _____	
<input type="checkbox"/> Yes, I plan to attend the Friday evening reception.			

## Payment Information

<input type="checkbox"/> Check is enclosed in the amount shown at right - make checks payable to Mayo Foundation			Payment Total
Credit Card - select one <input type="checkbox"/> Discover <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa	Account Number	Exp Date - mm/yy	
Name of Cardholder - as it appears on the card		Signature of Cardholder - required <b>X</b>	



MAYO CLINIC  
College of Medicine

200 First Street SW  
Rochester, Minnesota 55905

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