

32nd Annual **Renal Disease**

and Electrolyte Disorders Course

Given Institute of the
University of Colorado
Aspen, Colorado

Presented by:
Department of Medicine
Division of Renal Diseases and
Hypertension
University of Colorado
School of Medicine

Sponsored by:
University of Colorado
School of Medicine
Office of Continuing
Medical Education

July 25-29, 2005





Aspen, Colorado

Set in the majestic Colorado Rockies, Aspen is located 200 miles west of Denver at an elevation of 7,900 feet, in the midst of the White River National Forest, near some of the most spectacular scenery in Colorado. It may be reached from Denver by automobile via Route 285, 24, and 82 which is a breathtaking ride over Independence Pass (approximately 3.5 hours), or via Glenwood Springs on Interstate 70 and Route 82 (approximately 4 hours). Many find it convenient to arrange for a rental car in Denver; however, public bus service between Denver and Aspen is available as well as regularly scheduled flights from Denver International Airport. Colorado weather features warm days and cool evenings, and occasional late afternoon showers. Bring clothing suitable for temperature changes between 45 and 85 degrees. Casual wear is appropriate and encouraged. Sunglasses and sunblock are advised.

Aspen Activities

Aspen is one of the nation's foremost cultural centers. The internationally renowned Aspen Music Festival attracts some of the best conductors and musicians in the world, and Dance Aspen offers performances by top dance troupes from around the country. The festival presents over 130 events during its nine week season, including orchestral, chamber, opera, choral, jazz performances and special events for children. For a free calendar of events write to Music Associates of Aspen, 2 Music School Road, Aspen, CO 81611. Phone: (970) 925-3254 FAX: (970) 920-1643 e-mail: festival@aspenmusic.org. Or visit www.aspenmusicfestival.com. Downtown Aspen houses several well-known galleries and shops.

Aspen provides unequalled opportunities for hiking, fishing, biking, horseback riding, golf, tennis, river rafting, hot air balloon rides, and more. Information and a pre-registration packet for recreational activities is available online at www.uchsc.edu/cme or you may call Blazing Adventures directly at 800-282-7238 or (970) 923-4544 and ask for the Group Services department. Their experienced staff can provide information regarding the area as well as make reservations for activities. For more information on Aspen activities visit: www.aspenchamber.org

Credit

The University of Colorado School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Colorado School of Medicine designates this educational activity for a maximum of 20.75 category I credits toward the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity. This course has also been approved for 20.75 category 2A hours from the American Osteopathic Association.

Registration

Registration fees include all sessions, the reception on Monday, July 25, continental breakfasts, refreshments, lunch on Wednesday, July 27, syllabus and other related course materials.

Registration Fee is \$595; \$300 Residents/Fellows. After May 14, 2005: \$645, \$350.

Cancellation: A refund, minus a \$50 administrative charge, will be granted if cancellation is requested by July 16, 2005. No refunds will be granted after this date or for non-attendance. The conference committee reserves the right to cancel this conference due to an unforeseen circumstance and will be responsible to refund registration fees only.

conference description

This thirty-second annual course is designed to provide the practitioner with state-of-the-art information regarding the pathogenesis and treatment of a variety of disease states. Internationally recognized guest lecturers and members of our own faculty will give sharply focused clinically oriented talks on a range of topics.

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

- ◆ Identify new drugs and biologic agents in renal transplantation and explain current trends in immunosuppressive therapies.
- ◆ Evaluate and manage disorders of mineral metabolism.
- ◆ Define the various pulmonary-renal syndromes and discuss the role of plasmapheresis in their treatment.
- ◆ Identify new biomarkers for acute renal failure.
- ◆ Describe the pathogenesis of sodium and water retention in cardio-, hepato-, and pulmonary- renal syndromes.
- ◆ Interpret kidney transplant biopsies.
- ◆ Assess the effects of cardiac, hepatic, or pulmonary transplantation on kidney function.
- ◆ Summarize the varied physiologic roles of aquaporins.

Each talk will be followed by a question and answer period. In addition, faculty members will be available for informal discussion and consultation during workshops, breakfasts, and intermissions.

program outline

MONDAY, JULY 25, 2005

- 1:30-2:25 p.m. **Registration**
- 2:25-2:30 **Welcome** - Robert W. Schrier, MD
- PULMONARY- RENAL SYNDROMES**
- 2:30-3:15 **Pathogenesis of Sodium and Water Retention in Pulmonary-Renal Syndromes**
Clancy Howard, MD

- 3:25-4:10 **Syndromes of Pulmonary Hemorrhage and Renal Failure**
Charles D. Pusey, DSc, FRCP
- 4:20-4:40 **Break**
- 4:40-5:25 **The Role of Plasmapheresis in the Treatment of Pulmonary-Renal Syndromes**
Charles D. Pusey, DSc, FRCP
- 5:35-6:20 **Lung Transplantation and Kidney Function**
Martin R. Zamora, MD
- 6:30 **Adjourn**
Reception & Chamber Music
Given Institute Garden

TUESDAY, JULY 26, 2005

- Until 1:45 p.m. - Free time to enjoy Aspen!
- RENAL TRANSPLANTATION & MORE**
- 1:45-2:30 **Biomarkers of ARF: Is it Time to Replace the Serum Creatinine?**
Charles L. Edelstein, MD, PhD
- 2:40-3:25 **New Drugs and Biologics in Renal Transplantation**
Flavio G. Vincenti, MD
- 3:35-3:55 **Break**
- 3:55-4:40 **Currents Trends in Immunosuppressant Therapies**
Flavio G. Vincenti, MD
- 4:50-5:35 **Basic Science Update: Aquaporins**
Mark L. Zeidel, MD
- 5:45 **Adjourn**

WEDNESDAY, JULY 27, 2005

- 7:00-7:30 a.m. Continental Breakfast
- 7:30-9:00 **WORKSHOPS:**
- A) Case Studies in Dialysis
Drs. Chonchol and Teitelbaum
- B) Case Studies in Mineral Metabolism
Drs. Chandhoke and Kaehny
- C) Kidney Transplant Biopsies
Drs. Jani and Lucia
- 9:10-10:40 **Workshops repeated**
- 10:40-11:00 **Break**

- 11:00-12:00 **CPC**
Charles D. Pusey, DSc, FRC
- 12:00-12:45 **Lunch**
- 12:45- 2:15 **Workshops repeated**

THURSDAY, JULY 28, 2005

- Until 1:45 p.m. - Free time to enjoy Aspen!
- HEPATO- RENAL SYNDROMES**
- 1:45-2:30 **Pathogenesis of the Hepatorenal Syndrome**
Robert W. Schrier, MD
- 2:40-3:25 **Renal Abnormalities Associated with Liver Disease**
Alkesh Jani, MD
- 3:35-3:55 **Break**
- 3:55-4:40 **Liver Transplantation and Kidney Function**
James F. Trotter, MD
- 4:50-5:35 **The Newest (and Oldest) Cave Paintings**
Henry N. Claman, MD
- 5:45 **Adjourn**

FRIDAY, JULY 29, 2005

- 7:30- 8:00 a.m. Continental Breakfast
- CARDIO- RENAL SYNDROMES**
- 8:00- 8:45 **Fabry's Disease**
Geoffrey A. Block, MD
- 8:55- 9:40 **Role of Diminished Renal Function in Cardiovascular Mortality: Marker or Pathogenetic Factor**
Robert W. Schrier, MD
- 9:50-10:10 **Break**
- 10:10-10:55 **Chronic Kidney Disease as a Cardiovascular Risk Factor**
Michel B. Chonchol, MD
- 11:05-11:50 **Heart Transplantation and Kidney Function**
JoAnn Lindenfeld, MD
- 12:00 **Conference Adjourns**



Given Institute of the University of Colorado

The program will be held at the Given Institute of the University of Colorado, a very comfortable and pleasant site for a meeting. The building is surrounded by beautifully landscaped grounds which are used for informal discussion and social events. The institute is located at 100 East Francis Street, at the corner of Garmisch and East Francis, 3 blocks north of Highway 82 (Main Street). The telephone number during conference meeting times only is (970) 544-6000; to leave a voice message: (970) 925-1057. Visit: www.giveninstitute.org for more information.



the faculty

COURSE DIRECTORS

ROBERT W. SCHRIER, MD
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ISAAC TEITELBAUM, MD
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School of Medicine

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JAMES F. TROTTER, MD
Assistant Professor of Medicine

CLANCY HOWARD, MD
Fellow

MARTIN R. ZAMORA, MD
Associate Professor of Medicine
Medical Director, Lung Transplant Program

For Additional Information

For further information, please contact the Office of Continuing Medical Education, Joann Bauer, at 800-882-9153 or (303) 372-9054. Visit www.uchsc.edu/cme to register online and link to conference venue information. E-mail: Joann.Bauer@uchsc.edu

Accommodations

Please reference the **Renal Conference** when calling for reservations for the preferred rates. We recommend rooms at the following properties:

Aspen Mountain Lodge: 311 W. Main St., Aspen's affordable comfort and convenience, 4 blocks from the Given Institute. Outdoor swimming pool, hot tub, free high speed internet access as well as wireless connection, computer for guests in lobby, voice mail. Pets are allowed. Rates from \$129 includes expanded continental breakfast, air conditioned rooms and complimentary parking. E-mail: rockies@sopris.net. Visit: www.aspenmountainlodge.com Phone: 800-362-7736 or (970) 925-7650.

Boomerang Lodge: 500 W. Hopkins Ave., All rooms offer quiet mountain views, heated pool and whirlpool. Rates from \$169-\$199 includes expanded continental breakfast. E-mail: stay@boomeranglodge.com. Visit: www.boomeranglodge.com Phone: 800-992-8852 or (970) 925-3416.

Hotel Aspen: 110 W. Main St., 2 blocks from the Given Institute. Contemporary classic with a variety of rooms, some with jacuzzis, balconies, solariums. Rates starting at \$159 includes mountain breakfast, high speed internet access, outdoor heated pool and jacuzzis, air-conditioned rooms, and more!! Visit: www.hotelaspen.com Phone: 800-527-7369 or (970) 925-3441. E-mail: cal@hotelaspen.com

Inn at Aspen Resort: 38750 Highway 82, conveniently located only minutes from downtown Aspen at the base of Buttermilk Mountain. Offers a variety of room types, complimentary parking, courtesy shuttle service to downtown Aspen, outdoor pool, hot tub and health club/spa. Rates from \$129 includes buffet breakfast in Elkhorn restaurant. Visit: www.innataspen.com Phone: 800-952-1515 or (970) 925-1500.

Molly Gibson Lodge: 101 W. Main St., 2 blocks from the Given Institute. Courtesy airport and town shuttle, complimentary breakfast, wireless internet service, beautiful pool area, all rooms air conditioned. Discounted rates from \$157 to \$233 on direct bookings. Visit: www.mollygibson.com Phone: 800-356-6559 or (970) 925-3434.

Sky Hotel: 709 East Durant Ave - 1 block from the Gondola - The chic and exciting Sky Hotel is ideally located at the base of Aspen Mountain in the heart of downtown Aspen. Amenities include the world renowned 39 Degrees Lounge, outdoor pool and hot tub, complimentary wine reception every evening, concierge service, complimentary transportation to and from Aspen Airport and around town, full on-site fitness room and complimentary wireless internet access in all guest rooms, meeting space and common areas of the hotel. Visit: www.theskyhotel.com Phone: 800-882-2582 or 970-429-7808.

For additional lodging information:

Aspen Central Reservations: Call 800-262-7736 or visit: www.aspenchamber.org.

For flight arrangements, please contact Custom Travel, Ltd. at 1-800-634-3273 or 303-333-5471. Information will be provided for the best fare available from your market. Booking fees will be applied. Reservations may be faxed to 303-333-1688 or emailed to info@customtravel.agencymail.com or visit: www.customtravelltd.com. Custom Travel can also reserve discounted car rentals. When making reservations, please reference RENAL.

There are many events occurring in Aspen during this time, so your early decision regarding lodging and airline reservations is strongly advised.

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conference registration

(Please print or type)

Last Name _____ First Name _____ MI ____ Degree _____

(state name as you would like it to appear on your CME certificate)

Address _____

Zip _____ City _____ State _____

Office Phone (_____) _____

Fax (_____) _____

Email _____

on or before
5/14/05 after
5/14/05

Registration Fee.....\$595.00 \$645

Residents/Fellows (with letter).....\$300.00 \$350

How many years have you attended the Aspen Renal Conference? _____

(Include the 2005 meeting)

Do you have a case you would like to discuss in one of the workshops?

If so, please indicate the workshop: _____

Enclosed is my check made payable to: **University of Colorado School of Medicine**

We also accept Visa or Mastercard

Credit Card Number: _____

Expiration Date: _____ Cardholder Signature: _____

We offer on-line registration for CME conferences.

Please go to our website: www.uchsc.edu/cme and click on the "Register Now" button.

From that point you will be able to select registration for individual conferences.

Payment by Visa or Mastercard is required to register on-line. When you register on-line, you will receive immediate confirmation of your conference registration.

This site uses industry standard Secure Sockets Layer (SSL) encryption technology to protect your credit card information.



Detach and return to:

CME - Renal Program
4200 East 9th Ave., C295
Denver, CO 80262

You may also FAX registration with charge payments to:

Continuing Medical Education 303-372-9065
Phone: 303-372-9054 or 1-800-882-9153

If you have special needs and may require accommodation in order to fully participate in this activity, check here. You will be contacted by someone from CME to discuss your specific needs.