CONTROVERSIES IN Transplantation

FRIDAY - SUNDAY, MARCH 6-8TH, 2020
University Of Colorado School Of Medicine
A Continuing Medical Education Program

YOUNG INVESTIGATORS FORUM
Thursday, March 5, 2020

BEAVER RUN RESORT & CONFERENCE CENTER
Breckenridge, Colorado

PRESENTED BY:
The Colorado Center for Transplantation Care, Research and Education (CCTCARE)
The Division of Transplant Surgery, Department of Surgery, The Division of Renal Diseases & Section of Hepatology, Department of Medicine, University of Colorado School of Medicine and the University of Colorado Hospital
COURSE OBJECTIVES/GENERAL INFORMATION

This program is designed for healthcare professionals who provide patient care at all levels in transplantation. The course is designed for, but not limited to, surgeons, hepatologists, nephrologists, nurses, social workers and pharmacists.

The University of Colorado faculty and guest speakers will address controversial topics in transplantation, organ allocation, gender based disparities and should we be doing living donor transplantation with a positive cross match?

Objectives: At the conclusion of this conference, participants should be able to:

1. Analyze the impact of gender on liver transplantation using the MELD allocation system.
2. Understand issues and develop opinions on improving utilization of donation after cardiac death (DCD) livers and kidneys.
3. Evaluate and rate a formal debate on whether to perform liver transplant for hepatocellular carcinoma or locoregional therapy.
5. Assess the Executive Order on Advancing Kidney Health and whether it can increase living donation.

ACCREDITATION

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 live activity for a maximum of 17.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FEES

- EARLY REGISTRATION (postmarked before February 3, 2020) - $450
- LATE REGISTRATION (postmarked after February 3, 2020) - $550

Registration for Controversies in Transplantation includes the Hepatology Young Investigators Forum.

Make checks payable to the Division of Transplant Surgery. An 80% refund will be made for cancellations prior to February 1, 2020. No refunds will be made for cancellations after this time or for non-attendance. A comprehensive course syllabus containing outlines and abstracts of the presentations will be given to each registrant.

on-line registration

Register on-line at: www.cvent.com/d/jhq5gj
Click on the Register Now button. 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.
FACILITIES AND SURROUNDINGS

Just an hour and a half drive from Denver is the quaint, historic town of Breckenridge. Beaver Run Resort is nestled at the base of Peak 9, the largest conference center in the Rockies under one roof. This ski in/ski out resort has access to more than 126 ski trails. A free shuttle service can take you to other nearby resorts: Keystone, Copper Mountain and Arapahoe Basin. Other winter activities include ice skating, snowmobiling, sleigh rides and helicopter skiing, just to name a few. After a day of meetings, you can relax in one of Beaver Run’s two heated pools, seven hot tubs, or experience the many fine restaurants and shopping.

EPIC MOUNTAIN EXPRESS

Epic Mountain Express shuttle service will offer a discounted rate of $124.00 round trip fare (or $62.00 one way), to meeting participants from DIA to Beaver Run Resort. Call 970-754-7433 and use group code CIT. For online reservations visit: https://epicmountainexpress.com/group_redirect?code=CIT

SOCIAL EVENTS

All registrants and a guest are invited to dinner on Saturday, March 7th, 7:30 pm. Dinner, beer, wine and soft drinks will be provided.

book early

A block of rooms will be held at Beaver Run Resort until January 26, 2020. After that date, rooms will be on a space available basis only. This is peak ski season. BOOK EARLY!

COURSE DIRECTORS

James Burton, MD
University of Colorado

James Cooper, MD
University of Colorado

Elizabeth Pomfret, MD, PhD
University of Colorado

UNIVERSITY OF COLORADO FACULTY

Megan Adams, MD
Tom Bak, MD
Larry Chan, MD, PhD
Kendra Conzen, MD
Scott Davis, MD
Lisa Forman, MD
Monica Grafals, MD
Whitney Jackson, MD
Frederick Karrer, MD
Peter Kennealey, MD
Prateeti Khazani, MD
Michael Kriss, MD
Ashley Lane, MD
JP Norvell, MD
Trevor Nydam, MD
James Pomposelli, MD, PhD
Thomas Pshak, MD
Erik Stites, MD
Emily Schonfeld, MD
Michael Wachs, MD
Amanda Wieland, MD

Program Coordinator
Jody Robertson
<table>
<thead>
<tr>
<th>Name</th>
<th>Title and Details</th>
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</thead>
<tbody>
<tr>
<td>Robert Brown, MD</td>
<td>Gladys and Roland Harriman Professor of Medicine</td>
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<tr>
<td></td>
<td>Clinical Chief, Division of Gastroenterology &amp; Hepatology</td>
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<td>Well Cornell Medicine</td>
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<td></td>
<td>New York, New York</td>
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<tr>
<td>David Cartier, MBA</td>
<td>Founder and CEO of cHealthWorks Logistics</td>
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<td>Roswell, Georgia</td>
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<tr>
<td>William Chapman, MD</td>
<td>Eugene M Bricker Professor and Chief, Section of Transplantation Chief, Division of General Surgery Washington University in St. Louis Missouri</td>
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<td></td>
<td>Intermountain Medical Center Transplant Professor of Medicine</td>
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<td></td>
<td>Medical Director of Hepatology &amp; Transplantation Medical Director of Hepatology &amp; Transplantation</td>
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<tr>
<td>Matthew Cooper, MD</td>
<td>Director, Kidney and Pancreas Transplant University of California, Los Angeles Los Angeles, California</td>
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<tr>
<td>Gregory Everson, MD</td>
<td>Emeritus Professor of Medicine University of Colorado Denver School of Medicine CEO, CMO HepQuant LLC Greenwood Village, Colorado</td>
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<tr>
<td>R. Mark Gobrial, MD, PhD, FACS, FRCS(Ed)</td>
<td>Sherrie and Alan Conover Endowed Chair of Excellence Chief, Liver Transplant Surgery Director, Sherrie &amp; Alan Conover Center for Liver Disease &amp; Transplantation Director, Immunology Research Center Professor of Surgery Well Cornell Medical College Houston Texas</td>
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<tr>
<td>Richard Gilroy, MD</td>
<td>Medical Director of Hepatology and Liver Transplantation Professor of Medicine Intermountain Medical Center Transplant Services Murray, Utah</td>
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<tr>
<td>Julie Heimbach, MD</td>
<td>Chair, Division of Transplant Surgery Mayo Clinic Rochester, Minnesota</td>
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<tr>
<td>Ryutaro Hirose, MD</td>
<td>Professor of Clinical Surgery UCSD Transplant Surgery University of California, San Francisco San Francisco, California</td>
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<tr>
<td>Igal Kam, MD, FACS</td>
<td>Emeritus Professor of Surgery University of Colorado Denver School of Medicine Aurora, Colorado</td>
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<tr>
<td>John (Jack) Lake, MD</td>
<td>Professor of Medicine and Surgery University of Minnesota Medical School Executive Medical Director, Solid Organ Transplant Program University of Minnesota Medical Center Minneapolis, Minnesota</td>
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<tr>
<td>Jayme Locke, MD, MPH, FACS, FAST</td>
<td>Director, UAB Comprehensive Transplant Institute Chief, Division of Transplantation University of Alabama at Birmingham Birmingham, Alabama</td>
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<td>Charles Miller, MD</td>
<td>Enterprise Director of Transplantation Director, Transplant Center Cleveland Clinic Foundation Cleveland, Ohio</td>
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<tr>
<td>Claus Niemann, MD</td>
<td>Professor of Anesthesia and Surgery University of California, San Francisco San Francisco, California</td>
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<td>Kim Olthoff, MD</td>
<td>Donald Guthrie Professor of Surgery Chief, Division of Transplant Surgery Penn Transplant Institute University of Pennsylvania Philadelphia, Pennsylvania</td>
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<tr>
<td>Gabriel Oniscu, MD, FRCS (Ed), FRCS (Glas)</td>
<td>Honorary Reader in Transplantation Clinical Director Edinburgh Transplant Centre Royal Infirmary of Edinburgh Edinburgh, United Kingdom, Scotland</td>
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<tr>
<td>Robert J. Porte, MD, PhD, FEBS</td>
<td>Chief, Hepato-Pancreato-Biliary Surgery and Liver Transplantation Chair, UMC Groningen Transplant Center University Medical Center Groningen Netherlands</td>
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<td>Lloyd Ratner, MD, MPH</td>
<td>President, American Society of Transplant Surgeons Professor of Surgery Director, Renal &amp; Pancreatic Transplantation Columbia University/New York-Presbyterian Hospital, New York, New York</td>
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<tr>
<td>Deirdre Sawinski, MD, FAST</td>
<td>Associate Professor of Medicine Assistant Medical Director, Kidney/Pancreas Transplant Program Perelman School of Medicine at the University of Pennsylvania Philadelphia, Pennsylvania</td>
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<td>Dorry Segev, MD, PhD</td>
<td>Marjory K. and Thomas Pozefsky Professor of Surgery and Epidemiology Associate Vice Chair, Department of Surgery Director, Epidemiology Research Group in Organ Transplantation Johns Hopkins Medicine Baltimore, Maryland</td>
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<td>David Serur, MD</td>
<td>Medical Director, Kidney Transplant Well Cornell Medicine New York Presbyterian New York, New York</td>
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<td>Abraham Shaked, MD, PhD</td>
<td>Director, Penn Transplant Institute University of Pennsylvania Philadelphia, Pennsylvania</td>
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<tr>
<td>Roshan Shrestha, MD, FAASLD, FAST</td>
<td>Medical Director, Liver Transplantation Piedmont Transplant Institute Clinical Professor of Medicine Mercer University School of Medicine Atlanta, Georgia</td>
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<td>Hans Sollinger, MD, PhD, Dr.hc</td>
<td>Folkert O.Belzer Professor Depts of Surgery and Pathology University of Wisconsin Madison Madison Wisconsin</td>
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<tr>
<td>Norah Terrault, MD</td>
<td>Chief, Division of GI and Liver Diseases Professor of Medicine University of Southern California Los Angeles, California</td>
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<tr>
<td>Giuliano Testa, MD, FACS, MBA</td>
<td>Chairman, Annette C. and Harold C. Simmons Transplant Institute Chief of Abdominal Transplant Baylor University Medical Center Dallas, Texas</td>
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<tr>
<td>James Trotter, MD</td>
<td>Director of Hepatology Medical Director of Liver Transplant Baylor University Medical Center Dallas, Texas</td>
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SCIENTIFIC PROGRAM
MARCH 5TH
THURSDAY– ALL DAY: YOUNG INVESTIGATORS FORUM – PROGRAM IS BASED ON SELECTED ABSTRACTS
6:00pm YIF awards dinner for those who attended the YIF conference

MARCH 6TH
FRIDAY MORNING: UNCONVENTIONAL MEANS TO INCREASE KIDNEY TRANSPLANTATION RATES
MODERATORS: PETER KENNEALEY AND MONICA GRAFALS
7:00 a.m. Breakfast/registration
7:30 a.m. Incentives for living donation: nonmonetary and monetary GABRIEL DANOVITCH
8:00 a.m. Autotransplanted kidneys HANS SOLLINGER
8:30 a.m. Simultaneous heart kidney transplantation: time for reassessment PRATEETI KHAZANI
9:00 a.m. We have met the enemy and he is us LLOYD RATNER
9:30 a.m. Session Discussion/Debate
10:00 a.m. Adjourn
FRIDAY AFTERNOON: MACHINE PERFUSION FOR LIVER TRANSPLANTATION
MODERATORS: IGAL KAM AND JAMES POMPOSELLI
3:00 p.m. Refreshments
3:30 p.m. Insitu normothermic perfusion of livers in controlled DCD GABRIEL ONISCUE
4:00 p.m. Normothermic regional perfusion of livers (OrganOx) WILL CHAPMAN
4:30 p.m. Uncontrolled DCD: possibility or pipe dream? TREVOR NYDAM
5:00 p.m. DCD after euthanasia ROBERT PORTE
5:30 p.m. Session Discussion/Debate
6:00 p.m. Adjourn
FRIDAY EVENING DINNER PROGRAM: HOT TOPICS
MODERATORS: RICHARD GILROY AND JIM TROTTER
7:00 p.m. Do positive cross matches in living donor liver transplantation require treatment? If so, should such donor-recipient pairs be avoided? JULIE HEIMBACH
7:30 p.m. Transportation strategies for organ distribution DAVID CARTIER
8:00 p.m. Setting up multicenter research consortiums CLAUS NEIMANN
8:30 p.m. Machine learning to guide liver allocation RYO HIROSE
9:00 p.m. Liver transplantation for intrahepatic cholangiocarcinoma MARK GHOBRIAL
9:30 p.m. Live births from uterine transplant GIULIANO TESTA
10:00 p.m. Session Discussion/Debate
10:30 pm Adjourn
MARCH 7TH
SATURDAY MORNING: QUANTIFYING GENDER- BASED DISPARTIES IN LIVER TRANSPLANTATION
MODERATORS: ELIZABETH POMFRET AND NORAH TERRAULT
7:00 a.m. Breakfast
7:30 a.m. Is there really a problem? Setting the stage KIM OLTHOFF
8:00 a.m. Split livers as a remedy for the size problem JAMES POMPOSELLI
8:30 a.m. Renal function underestimation: How do we deal with creatinine? DEIRDRE SAWINSKI
9:00 a.m. DEBATE: What matters most: gender-based disparities or geography Gender: JAYME LOCKE Geography: DORRY SEGEV
10:00 a.m. Session Discussion/Debate
10:30 a.m. Adjourn
SATURDAY AFTERNOON: DEBATE SESSION
3:00 p.m. Refreshment
3:30 p.m. The Executive Order on Advancing American Kidney Health: Can it increase kidney transplantation?
MODERATORS: SCOTT DAVIS AND JAMES COOPER
   Pro: MATTHEW COOPER
   Con: DAVID SERUR

Hepatocellular carcinoma: Transplant vs. resection and locoregional therapy:
MODERATORS: GREG EVERSON AND TREVOR NYDAM
   Pro: ROBERT BROWN
   Con: ABRAHAM SHAKED

DCD after euthanasia: Is the U.S. ready for this?
MODERATORS: JACK LAKE AND CHARLIE MILLER
   Pro: ROBERT PORTE
   Con: JAMES TROTTER

7:00 p.m. Adjourn

MARCH 8TH
SUNDAY MORNING: CASES FOR DISCUSSION OF DIAGNOSIS AND MANAGEMENT
MODERATORS: ROSHAN SHRESTHA AND KENDRA CONZEN
7:00 a.m. Breakfast
7:30 a.m. Case presentations
   Kidney case
   Liver case
   Organ procurement case
10:00 a.m. Session discussion/debate
10:30 a.m. Adjourn

HOTEL RESERVATION INFORMATION

GROUP NAME: Transplant

FOR RESERVATIONS CALL: 1-800-525-2253; in Colorado call (970) 453-6000

ACCOMMODATIONS: Please indicate your first and second choices below. Use this form for one room only. Other units available upon request. For views, descriptions of rooms and to book your room go to: www.beaverrun.com

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<td>Deluxe/Breck Studio...............</td>
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<tr>
<td>Colorado/Summit Suite............</td>
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<td>1 Bedrm Prem. bldg. 4.............</td>
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<td>2 Bedrm Prem. bldg. 4............</td>
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NOTE: Above rates do not include state or local taxes; may not exceed maximum occupancy. Children 14 or under stay free in same room as parents. Check-in time is 4:00 p.m., check-out time is 11:00 a.m. No pets in rooms.

DEPOSIT/CANCELLATION POLICY: Deposit of 2 nights per unit is required to confirm reservation. Remaining balance including 17.82% tax is required 30 days prior to arrival. Deposit will be refunded, less $75 handling charge per room, if cancellation is received prior to 30 days of scheduled arrival. If cancellation is received less than 30 days prior to arrival date, all monies will be forfeited. Reservations received after January 26, 2020 will be on a space available basis. There is a three-night lodging minimum.
CONFERENCE REGISTRATION FORM

REGISTER ON-LINE AT: http://www.cvent.com/d/jhq5gj

Click on the Register Now button. 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.

If registering by check, please complete this form and mail to Jody Robertson at the address below.

Last Name_________________________________ First Name____________________________________
(state name as you’d like it to appear on your CME certificate)

☐ MD ☐ PhD ☐ DO ☐ RN ☐ PA/NP ☐ PharmD ☐ Other_________

Affiliation_________________________________________________________________________________

Address____________________________________________________________________________________

City___________________________________________ State______________________ Zip_______________

Home Phone______________________________________ Business Phone_____________________________

E-Mail (please print clearly)_____________________________________________________________________

(We will not provide your email address to anyone outside the Office of CME or Division of Transplant Surgery.)

DATES OF ATTENDANCE: ☐ Thursday YIF ☐ Friday ☐ Friday dinner program (meeting attendees only)

☐ Saturday ☐ Sunday

☐ EARLY REGISTRATION (postmarked before February 3, 2020) - $450

☐ LATE REGISTRATION (postmarked after February 3, 2020) - $550

SATURDAY NIGHT DINNER: meeting attendee and one guest is included with registration.

NUMERO OF ADULTS__________________

If you have a disability and require accommodations in order to fully participate in this activity, check here. You will be contacted by someone from the planning committee to discuss your specific needs.

Please make registration check payable to: Division of Transplant Surgery

MAIL CONFERENCE REGISTRATION FORM AND CHECK TO:

Jody Robertson
Division of Transplant Surgery, C-318
1635 Aurora Court
Aurora, CO 80045

P: (720) 848-0852 | F: (720) 848-0841 | E: jody.robertson@cuanschutz.edu
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