

ISHLT ACADEMY: CORE COMPETENCIES IN PEDIATRIC HEART AND LUNG TRANSPLANTATION

Tuesday, April 23, 2013 • Montréal, Quebec, Canada



This academy will provide a concise review of clinical knowledge and essential professional skills to facilitate the surgical and medical management of pediatric patients with advanced heart failure who are being assessed for and who have received a heart or lung transplant.

The course consists of focused presentations covering a broad array of topics for both inpatient and outpatient management with an emphasis on a practical approach to patient care, implementing best practices and clinical problem solving. The course will highlight particular areas of interest in pediatric heart and lung transplantation, including management of patients with congenital heart disease, ABO incompatible heart transplantation and antibody-mediated rejection in children. All lectures will be delivered by internationally recognized experts in the field of pediatric thoracic transplantation and include cardiologists, cardiac surgeons and transplant coordinators.

Audience participation and interaction with the faculty will be actively encouraged throughout the Academy with Case Studies with audience participation following each major topic and by limiting the enrollment to 200 participants.

The educational workforce of the Pediatric Transplant Council of the ISHLT is confident this will be the most comprehensive and valuable summary for practitioners in the field of pediatric heart and lung transplantation.

CONTINUING MEDICAL EDUCATION INFORMATION

Accreditation Statement

The International Society for Heart and Lung Transplantation (ISHLT) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians and allied health professionals.

Credit Designation Statement

ISHLT designates this live activity for a maximum of 8.5 *AMA PRA Category 1 Credits*.™ Participants should claim only the credit commensurate with the extent of their participation in the activity.

Learning Objectives

Disclosure

Current guidelines state that participants in CME activities must be made aware of any affiliation or financial interest that may affect the program content or a speaker's presentation. Planners, Faculty and Chairs participating in this meeting are required to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentations or service as Chair/Planner. These disclosures will be distributed at the meeting. Additionally, all speakers have been asked to verbally disclose at the start of their presentation if a product they are discussing is not labeled for the use under discussion or is still investigational.

Educational Goals

The educational goals of this activity are to provide a concise review of clinical knowledge and essential professional skills to facilitate best practice of surgical and medical aspects involved in the care of pediatric patients undergoing heart or lung transplantation, with an emphasis on patients with congenital heart disease.

Target Audience

While all members are invited to enroll, this course is primarily designed to be of benefit for clinicians and allied professionals who *are in the early stages of their careers* or who *are in training, are part of a new program* or *desire an update* on the current state of the field. The information presented is intended to provide a strong foundation of the overarching principles of pediatric transplantation, rather than as a detailed update for those who are already proficient in the field.

At the conclusion of this meeting, participants will have improved competence and professional performance in the areas of:

1. Describing the evolution of pediatric heart and lung transplantation
2. Identifying the risk factors for survival following heart or lung transplantation in patients with congenital heart disease and cardiomyopathy
3. Evaluating and managing children presenting with heart or lung failure
4. Completing a comprehensive evaluation and listing for pediatric heart or lung transplantation
5. Managing a pediatric patient awaiting heart or lung transplantation including the use of mechanical support
6. Evaluating a potential pediatric donor heart or lung
7. Managing a pediatric patient in the early post-operative period following heart or lung transplantation
8. Optimizing immunosuppression in children following heart or lung transplantation
9. Evaluating and treating rejection following pediatric heart or lung transplantation
10. Managing the co-morbidities of pediatric heart or lung transplantation

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Room 512A-G Tuesday, April 23, 2013 Montréal, Quebec, Canada

CHAIRS: Debra Dodd, MD • Christian Benden, MD
Daphne Hsu, MD • Kimberly Gandy, MD

SESSION	TIME	PRESENTATION TITLE	SPEAKER	CNTRY
Registration and Morning Coffee	7:00-7:45			
Introduction	7:45-8:00			
Overview	8:00-8:15	Overview of Pediatric Heart and Lung Transplantation: History, Registries and Outcomes	Daphne T. Hsu, MD, Children's Hospital at Montefiore, Bronx, New York	USA
ADVANCED PEDIATRIC HEART AND LUNG FAILURE	8:15-9:45			
	8:15	Mechanisms and pathophysiology of heart failure in children	Daniel Bernstein, MD, Stanford University, Palo Alto, CA	USA
	8:30	Management of heart failure in children	Paul Kantor, MD, Stollery Children's Hospital, Edmonton, Alberta	CANADA
	8:45	Medical management of pulmonary failure in children	Bart Rottier, MD, University Medical Center Groningen, Groningen	THE NEATHERLANDS
	9:00	Evaluation and listing for heart transplantation	Debra Dodd, MD, Vanderbilt Children's Hospital, Nashville, TN	USA
	9:15	Evaluation and listing for lung transplantation	Christian Benden, MD, University Hospital Zurich, Zurich	SWITZERLAND
	9:30	Case presentations		
Coffee Break	9:45-10:00			
MANAGEMENT OF THE LISTED PATIENT	10:00-11:15			
	10:00	Evaluation and decision-making for mechanical assist device support	Brigitte Stiller, MD, PhD, University Medical Center Freiburg	GERMANY
	10:15	Management of mechanical assist device support and outcomes	David Morales, MD, Cincinnati Children's Hospital, Cincinnati, OH	USA
	10:30	Evaluation and management of the donor lung	Shaf Keshavjee, MD, FRCSC, Toronto General Hospital, Toronto, Ontario	CANADA
	10:45	Evaluation and management of the donor heart	Kirk Kanter, MF, Emory University, Atlanta, GA	USA

SESSION	TIME	PRESENTATION TITLE	SPEAKER	CNTRY
	11:00	Case presentations		
Coffee Break	11:15-11:30			
MANAGEMENT OF SPECIAL POPULATIONS	11:30-12:30			
	11:30	Evaluation and management of ABO incompatible transplantation	Simon Urschel, MD, Stollery Children's Hospital, Edmonton, Alberta	CANADA
	11:45	Evaluation and management of the sensitized patient	Steven Webber, MB ChB, MRCP, Vanderbilt Children's Hospital, Nashville, TN	USA
	12:00	Evaluation and management of the complex congenital heart disease patient	Beth Kaufman, MD, Stanford University, Palo Alto, CA	USA
	12:15	Case presentations		
Lunch Break	12:30-1:30	(Lunch on own; delegates are encouraged to pre-register for a box lunch so they can spend the lunch break interacting with the faculty)		
PERI-TRANSPLANT MANAGEMENT	1:30-3:00			
	1:30	Transplantation and immediate post-transplantation management	Charles Canter, MD, St. Louis Children's Hospital, St. Louis, MO	USA
	1:45	Immunosuppression: Induction and maintenance	Richard Kirk, FRCP FRCPC, Freeman Hospital, Newcastle upon Tyne	UK
	2:00	Management of acute cellular rejection	Michael Kuhn, MD, Loma Linda University, Loma Linda, CA	USA
	2:15	Management of antibody-mediated rejection	Anne Dipchand, MD, Hospital for Sick Children, Toronto, Ontario	CANADA
	2:30	Case presentations		
Coffee Break	3:00-3:15			
LONG-TERM MANAGEMENT 1	3:15-4:45			
	3:15	Designing a follow-up program	TP Singh, Children's Hospital Boston, Boston, MA	USA



SESSION	TIME	PRESENTATION TITLE	SPEAKER	CNTRY
	3:30	Transition to home and Quality of Life	Connie White-Williams, RN, University of Alabama at Birmingham, Birmingham, AL	USA
	3:45	Evaluation of the failing graft	Gerald Boyle, MD, Cleveland Clinic Foundation, Cleveland, OH	USA
	4:00	Diagnosis and management of graft vasculopathy	Elfriede Pahl, MD, Ann and Robert Lurie Children's Hospital, Chicago, IL	USA
	4:15	Case presentations		
Coffee Break	4:45-5:00			
LONG-TERM MANAGEMENT II	5:00-6:30			
	5:00	Infections: Prevention, diagnosis and management	Lara Danziger-Isakov MD, MPH, Cleveland Clinic Foundation, Cleveland, OH	USA
	5:15	Late complications following heart and lung transplantation	Stuart Sweet, MD, St. Louis Children's Hospital, St. Louis, MO	USA
	5:30	Re-transplantation	Linda Addonizio, MD, Columbia University, New York, NY USA	
	5:45	Case presentations		
SUMMARY/ADJOURN	6:15			
Reception	6:30-7:30			