



PERIOPERATIVE CARE IN LIVER TRANSPLANTATION

MEET THE SPEAKERS

International Liver Transplantation Society
Perioperative Care in Liver Transplantation Meeting 2022



**PERIOPERATIVE CARE IN
LIVER TRANSPLANTATION
MEETING**

2022

New Orleans, USA

October 21, 2022

www.ilts.org

**Ryan Chadha, MD**

Mayo Clinic, Jacksonville, FL, USA

Ryan Chadha is an Assistant Professor of Anesthesiology and Perioperative Medicine and the division chief of Multispecialty Anesthesia at the Mayo Clinic in Jacksonville, Florida. He is the Vice-Chair to the Mayo Clinic Florida Hospital Practice Subcommittee and the Vice-Chair the Mayo Clinic School of Medicine Student Promotions and Assessment Review Committee. He is an active member of the ILTS, and is vice-chair of the Vanguard Committee and the one of coordinators of the steering committee of the CV Topics in Liver Transplantation, as well as a contributor to the ILTS newsletter and Twitter Journal Club on the ILTS website. His interests include perioperative outcomes for high risk liver grafts, liver transplant anesthesia simulation, and GI endoscopy and interventional bronchoscopy anesthesiology.

**Gonzalo Crespo, MD**

Hospital Clínic de Barcelona, Barcelona, Spain

Transplant hepatologist at the Hospital Clinic, University of Barcelona, and researcher at IDIBAPS and CIBERehd. Visiting post-doctoral scholar at Northwestern University, Chicago, USA (Dr. Lisa VanWagner), 2021-2022. Interested in medical aspects of liver transplant, particularly cardiovascular outcomes. More than 60 peer-reviewed manuscripts including papers at Journal of Hepatology, Hepatology, American Journal of Transplantation, Liver Transplantation or Transplantation. Member of the Editorial Board of Liver Transplantation. Coordinator of the SIG "Cardiovascular Outcomes in Liver Transplantation" of ILTS.

**Marina Gitman, MD**

Cleveland Clinic, Cleveland, USA

Dr. Marina Gitman completed her undergraduate studies with a specialization in microbiology at the University of Chicago, her medical degree at the Chicago Medical School of Rosalind Franklin University, a residency in anesthesiology at the University of Illinois and a fellowship in liver and abdominal transplant anesthesiology at Ochsner Medical Center. After the completion of her training in 2014, she returned to the University of Illinois, where she worked as an associate professor of clinical anesthesiology until June of 2021. Dr. Gitman is now on staff at the Cleveland Clinic and is settling into her new life in Ohio.

**Andrew Gold, MD, MBS**

Assistant Professor, Medical Director of the Surgical ICU Department of Anesthesiology and Critical Care, Hospital of the University of Pennsylvania, Philadelphia, PA, USA

Education:

Undergraduate Education: B.A. from the University of Pennsylvania

Graduate Education: M.B.S from Drexel University School of Medicine

Medical Education: M.D. from University of Maryland School of Medicine

Residency Training in Anesthesiology at the University of Pennsylvania

Critical Care Fellowship at the University of Pennsylvania

I joined the faculty at the University of Pennsylvania after completing my anesthesiology residency and critical care fellowship there. My clinical time is split between the operating room and intensive care unit. In the operating room my focus is anesthesia for thoracic surgery, vascular surgery, and liver transplantation. In the ICU I work in the Surgical ICU and the Cardiac Surgical ICU. I am the medical director of the Surgical ICU. My scientific interest mainly revolves around medical education and point of care ultrasound

**Laura Hammel, MD**

University of Wisconsin Hospitals and Clinics, Madison, WI, USA

Associate Professor of Anesthesiology and Critical Care University of Wisconsin Hospitals and Clinics
Division Chief- Transplant Anesthesiology- current
Director of Liver Transplant Anesthesia 2010-2021

Medical School: Indiana University School of Medicine

Training:

Internal Medicine Resident: Indiana University Medical Center
Fellowship Critical Care Medicine: University of Wisconsin Hospitals
Anesthesiology Resident: University of Wisconsin Hospitals

Professional Activities:

American Society of Transplantation (AST)
AST Liver and Intestinal COP: Educational Subcommittee - Current
AST Conflict of Interest Committee - Current
Co-chair: AST National Consensus Conference on Pre-Transplant Malignancy 2019
American Society of Anesthesiology

Clinical Interests:

Cardiovascular physiology of cirrhosis
Cardiovascular Risk assessment of the potential liver transplant recipient
Cardiovascular Risk assessment of the potential kidney transplant recipient
Evaluation and selection of the potential SOT recipient with malignancy
Intracardiac thrombosis in Liver Transplantation
Post-transplant ICU care of the liver transplant recipient
Decompensated heart failure in the liver transplant recipient
Global Health

**Varvara A. Kirchner, MD, FACS**

Stanford University, Stanford, CA, USA

Dr. Varvara (Varia) A. Kirchner is Associate Professor of Surgery at the Division of Abdominal Transplantation, Stanford University. She completed her medical school, surgical residency and multi-organ transplant fellowship in adult and pediatric liver, pancreas, kidney transplantation and total pancreatectomy with islet auto-transplantation at the University of Minnesota. She underwent further training in living donor liver transplantation and hepatobiliary surgery at the Asan Medical Center, Seoul, South Korea. She currently serves as the Surgical Director of the Islet Cell Auto-Transplant at Lucile Packard Children's Hospital Stanford and Associate Director of the Living Donor Liver Transplant Program at the Division of Abdominal Transplantation. Dr. Kirchner's research focuses on the biology of aging, cellular and solid organ transplantation.

Her specific interest is in iPSC-derived hepatocyte therapies. Her research on the impact of donor age on generation of iPSC-derived cellular products is supported by the NIA K08 Faculty Development Award. She is an active member of the American Society of Transplant Surgeons and the International Liver Transplantation Society where she serves as a Past-Chair of the Vanguard Committee and a member of Sponsorship Committee.

**Kunal Karamchandani, MD**

Southwestern University, Dallas, TX, US

Dr. Kunal Karamchandani is an Associate Professor in the Department of Anesthesiology and Pain Management at the University of Texas Southwestern Medical Center in Dallas, Texas. He completed his medical school training at Maulana Azad Medical College in New Delhi, India followed by a residency in Anesthesiology at the All India Institute of Medical sciences, New Delhi, India. He then moved to the US where he completed his residency in Anesthesiology and a fellowship in Critical Care Medicine at the Cleveland Clinic. He practices both anesthesia and critical care and serves as the medical director of the anesthesia critical care advanced practice providers. Dr Karamchandani is the Vice Chair of the Society of Critical Care Anesthesiologists education committee and serves on various committees in the ASA and SCCM. He is also the ASA representative on the Board of Medical Advisors for the American Association of Respiratory Care. He has been practicing in an academic setting since the last 10 years and his research interests include enhancing patient outcomes in the ICU as well as in the perioperative setting.

**Anoop Koshy, MD**

University of Melbourne, Melbourne, Victoria, Australia

Dr Anoop Koshy is an interventional cardiologist from The Austin Hospital, Melbourne, Australia. Currently, he is undertaking specialist training in structural valve intervention at Mount Sinai Hospital in New York. He undertook doctoral studies investigating the nexus between the heart and the liver in transplant patients. His group developed the first preoperative algorithm for cardiac work-up in liver transplant patients in Australia. Novel research includes the natural history of coronary atherosclerosis following liver transplantation and the role of an impaired cardiac reserve in patients with liver cirrhosis. The question that keeps him up at night is whether this emerging field should be referred to as cardio-hepatology or hepato-cardiology.

**Rishi Kothari, MD**

Clinical Associate Professor, Department of Anesthesiology, Thomas Jefferson University Hospital, Philadelphia, PA, USA

School of Medicine at Mount Sinai in New York, NY and a fellowship in liver transplantation from the University of California San Francisco, San Francisco, CA. With a bachelor's degree in computer science and ABPM board certification in Clinical Informatics, his non-clinical interest and expertise is in data science, understanding the complex structure and meaning of clinical data drawn from electronic medical record systems. His goals in informatics are specifically to lead implementation of clinical database infrastructures, to facilitate research/quality improvement, operations, and logistics for departments, and to use his dual background to liaise between clinical and technical teams to complete projects of high complexity and quality with ease. His research interests include perioperative hemodynamic management, acute kidney injury, and donor management.

**Ashish Malik, MD , MBA**

Anesthesiology and Critical Care, Indraprastha Apollo Hospitals, New Delhi, India

Dr Ashish Malik is a Senior Consultant, Anaesthesiology and Critical Care, Indraprastha Apollo Hospital, New Delhi, India. Dr Malik graduated from the prestigious Maulana Azad Medical College, New Delhi and did fellowship in Liver Transplant Anesthesia from LHSC, London, University of Western Ontario, Canada.

His key area of focus is Liver Transplant Anesthesia being a part of a large volume LDLT programme in Apollo Hospitals since 2010. His work includes both operating rooms & intensive care unit with main clinical interests being intraoperative use of TEE, pain management and perioperative care for organ transplantation. He is also the Clinical Coordinator of Transplant ICU. Dr. Malik has published scientific papers and contributed chapters in books on liver transplantation.

He is a regular speaker at national and international conferences related to organ transplantation. He has a keen interest on AI in healthcare and Healthcare analytics and is a part of group working on analytics after doing his MBA. Dr Malik has been the founding Governing Council Member, Liver Transplant Society of India (LTSI) 2018-2020 (1st Pan India Society of Liver Transplant Specialists) where he was instrumental in formulating and establishing Liver Transplant Anesthesia Fellowship Programme (Accredited Pan India).

He has been awarded Academic Achievement Award by AHERF (Apollo Hospital Educational & Research Foundation) / The Best Clinician Award in Apollo Group of Hospitals, India. He also has been given the adjunct title of Distinguished Clinical Tutor by AHERF and Hon. Fellow GAPIO (Global Association of Physicians of Indian Origin).

He serves on the ILTS Anesthesia and Critical Care Committee

**Dhupal Patel, MD**

University of Cambridge, Cambridge, United Kingdom

Dr Dhupal Patel is an honorary specialty registrar in anaesthesia and intensive care medicine at Addenbrooke's Hospital, Cambridge and a Wellcome Trust Clinical Research Fellow. She is currently undertaking a PhD at the Wellcome Sanger Institute investigating the host transcriptomic response to acute infection. Dhupal graduated from Imperial College London and has undertaken academic and clinical training posts in Oxford, London, and Cambridge. Dhupal is a trainee representative for the ILTS Vanguard Committee and a trainee representative for the National Institute of Academic Anaesthesia. Dhupal has been involved in the ILTS ERAS4OLT project as part of the intra-operative anaesthesia working group and has co-authored the ERAS guideline at Addenbrooke's Hospital and been closely involved in the implementation of early extubation on the ICU. Dhupal's interests include ERAS in liver transplantation, improving peri-operative outcomes following liver transplantation, and sepsis.

**Yehuda Raveh, MD**

Associate Professor, University of Miami/Jackson Memorial Hospital The Miami Transplant Institute, Miami, FL, USA

Since 2004 Dr. Raveh works in the Division of Solid Organ Transplantation Anesthesia at the University of Miami/Jackson Memorial Hospital. The Miami Transplant Institute became the largest transplant center in the U.S in 2019 and 2020.

Dr. Raveh did his anesthesia residency at Tufts University-St. Elizabeth's Medical Center, Boston MA, and advanced anesthesia fellowship at the Harvard University-Massachusetts General Hospital. Dr. Raveh is a member of the Society of Advanced Transplant Anesthesia. His clinical and scientific interests include outcome research, hemostasis and equity in transplantation. His current professional engagements also include obstetric anesthesia.

**Mohamed Rela, MS, FRCS, DSc**

Dr. Rela Institute & Medical Centre, Chennai, India

Prof Mohamed Rela, is a liver transplant surgeon with over 25 years of experience in the field. He has been a consultant surgeon and Professor of Liver surgery at Kings College Hospital, London since 1993 and has been working in India since 2009. He now runs the busiest liver transplantation program in South India, performing over 250 liver transplants each year. Prof. Rela has authored over 600 peer-reviewed publications and a number of book chapters including a chapter in the latest edition of Gray's Anatomy. The annual Master Class in Liver Disease series started by him in 2011 is one of the most popular academic events in South Asia, regularly attended by over a 1000 delegates across the world. He is the current President of the International Liver Transplantation Society (ILTS). Research Interests Mechanics of liver regeneration Radical resection for hilar cholangiocarcinoma Regeneration after auxiliary partial orthotopic liver transplantation.

**Hrishikesh Samant, MD FACC**

Ochsner Medical Center, New Orleans, LA, USA

Hrishikesh Samant is Associate Professor of Medicine and Director Hepatology at LSU Health Science Center. He is Transplant Hepatologist and Associate research Medical director at Ochsner Multi-visceral Transplant Institute, New Orleans. He did his is Transplant training from University Of Nebraska Medical Center, Omaha and also received Berenson scholarship in Advanced endoscopy from Beth Israel Medical Center, Boston. He is active member of ILTS and AST educational subcommittee. As part of AASLD special Interest group, he contributes in Hepatocellular carcinoma and Liver Transplant outcome research.

**John Seal, MD**

Ochsner Medical Center, New Orleans, LA, USA

Dr. John Seal completed his medical school and residency training in general surgery at the University of Chicago. He continued his training in abdominal organ transplantation and hepatobiliary surgery at Toronto General Hospital & Hospital for Sick Kids. He joined the Ochsner Multi-Organ Transplant Institute in 2014 with a focus on living donor and pediatric liver transplantation. His clinical and research interests include robotic hepatobiliary surgery, split liver transplantation and transplant oncology.

**Kai Singbartl, MD, M.P.H.**

Mayo Clinic, Arizona, AZ, USA

**Elizabeth A. Wilson**

Assistant Professor of Anesthesiology, Emory University Hospital, Emory University School of Medicine, Atlanta, GA, USA

Professional Associations:

American Society of Anesthesiologists

International Liver Transplant Society

Society for the Advancement of Transplant Anesthesia

Georgia Society of Anesthesiologists

Dr. Elizabeth A. Wilson is an assistant professor of anesthesiology at Emory University Hospital through Emory University School of Medicine. She graduated from the Lewis Katz School of Medicine at Temple University in 2011. Thereafter she completed a pediatrics residency at Duke University Medical Center, pediatric critical care fellowship at Children's National Health System in Washington, DC, anesthesiology residency at The Johns Hopkins Hospital, and liver transplant anesthesiology fellowship at the University of California San Francisco.

Dr. Wilson is actively involved in the anesthesiology residency program and liver transplant fellowship at Emory. She is a member of the education committee and the director of didactic conferences at Emory University Hospital, organizing faculty CME expert lectures, facilitating grand rounds, and creating curriculum content for resident board review and case conferences. Her clinical interests include critical care, cardiopulmonary interactions, and the pathophysiology of end stage liver disease. Her research interests include liver transplant immunology, particularly the effect of hyperoxia on early graft function and ischemia-reperfusion injury.

**Uzung Yoon, MD**

Thomas Jefferson University Hospitals, Philadelphia, PA, USA

Dr. Uzung Yoon is an Assistant Professor of Anesthesiology at Thomas Jefferson University Hospital, Philadelphia, USA. He is the Co-Director of Liver transplantation anesthesiology and Director of Anesthesiology Coagulation Laboratory. He graduated from Hannover Medical School, Hannover, Germany, and Berlin School of Public Health with a master's degree in public health. He initiated training in vascular surgery in Berlin, Germany, and completed his anesthesiology residency and a liver transplant anesthesiology fellowship at Thomas Jefferson University Hospital, Philadelphia under the mentorship of Dr. Yoogoo Kang and Dr. Elia Elia. He took over the anesthesia coagulation laboratory from Dr. Yoogoo Kang in 2018 and his current research interest is in clinical coagulation with the focus on the viscoelastic assay. He received internal research awards and funding for his current coagulation research projects. He has more than 20 publications and a single-authored book and is a reviewer for multiple international peer-reviewed journals.