



Unit Title	Section Title	Course Name	Authors
Immunobiology & Tx Research	Immunobiology	Basic Transplant Immunobiology: Basic Concepts	Allan Kirk, MD
Immunobiology & Tx Research	Immunobiology	Basic Transplant Immunobiology: Rejection	Allan Kirk, MD
Immunobiology & Tx Research	Immunobiology	Basic Immune Management of Transplant Patients	Allan Kirk, MD
Immunobiology & Tx Research	Compatibility	Major Histocompatibility Complex: Structure and Function of HLA: Part I	Adriana Zeevi, MD
Immunobiology & Tx Research	Compatibility	Major Histocompatibility Complex: Clinical Significance of anti-HLA Antibodies: Part II	Adriana Zeevi, MD
Immunobiology & Tx Research	Basic Mechanisms	Immunobiology of Transplantation	Sang-Mo Kang, MD
Immunobiology & Tx Research	Basic Mechanisms	Hyper-Acute Rejection: Part I	Robert Montgomery, MD, PhD
Immunobiology & Tx Research	Basic Mechanisms	Hyper-Acute Rejection: Part II	Robert Montgomery, MD, PhD
Immunobiology & Tx Research	Basic Mechanisms	Basic Mechanisms of Tolerance	Satish Nadig, MD, PhD
Immunobiology & Tx Research	Rejection	Pathological Analysis of Acute and Chronic Kidney Allograft Injury	Roslyn B. Mannon, MD
Immunobiology & Tx Research	Rejection	Banff Schema for Diagnosis of Pancreas Allograft Rejection	Cinthia Drachenberg, MD
Pharmacology & Immunosuppression	Basic Pharmacology	The Maintenance Immunosuppressive Agents: Mechanisms of Action	Richard Knight, MD
Pharmacology & Immunosuppression	Basic Pharmacology	Biological Agents in Solid Organ Transplant	Richard J. Knight, MD

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Pharmacology & Immunosuppression	Basic Pharmacology	Rabbit-anti-Human Thymocyte Polyclonal Antibody R-ATG	A. Osama Gaber, MD
Pharmacology & Immunosuppression	Rejection	Chronic Allograft Rejection	Jeremy Chapman, MD
Organ Recovery	Brain Death Donors	Understanding the Moral, Ethical, and Legal Issues of Death: The Justification for Use of Organs from Deceased and Non-Heart-Beating	Michael B. Ishitani, MD
Organ Recovery	Living Donors	Balancing the Ethical Principles: Ethical Equipoise in Living Donor Transplantation	Laura D. Buccini DrPH, MPH / Charles M. Miller, MD
Organ Recovery	Living Donors	Ethical and Legal Aspects of the Living Organ Donor	Laura D. Buccini DrPH, MPH / Charles M. Miller, MD
Organ Recovery	Organ Assessment	Medical and Surgical Issues of Brain Dead Donors	Thomas Diflo, MD, FACS
Organ Recovery	DCD Donors	Abdominal Organ Recovery from Deceased Donors	Jeffrey D. Punch, MD
Organ Recovery	DCD Donors	Recovery of Abdominal Organs from Controlled Donation after Cardiac Death (DCD) Donors	David J. Reich, MD, FACS
Organ Recovery	Organ Preservation	Organ Preservation 101: Basic Principles	Zoe Stewart, MD
Medical Complications of Tx	Short & Long Term Complications	Reproductive Health Ramifications of Transplantation	Vincent T. Armenti, MD
Medical Complications of Tx	Short & Long Term Complications	Post Transplant Malignancy	Stuart M. Flechner, MD
Medical Complications of Tx	Short & Long Term Complications	Skin Cancer in Organ Transplant Recipients: Challenges and Opportunities	Clark C. Otley, MD
Medical Complications of Tx	Short & Long Term Complications	Post-transplant Lymphoproliferative Disorders	Betsy C. Herold, MD
Medical Complications of Tx	Infectious Complications	Central Nervous System Infections: Part I- CNS Infection Syndromes	Valentina Stosor, MD
Medical Complications of Tx	Infectious Complications	Central Nervous System Infections: Part II- Pathogens	Valentina Stosor, MD
Medical Complications of Tx	Infectious Complications	Donor Transmitted Diseases: Part I	Lewis Teperman, MD

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Medical Complications of Tx	Infectious Complications	Donor Transmitted Diseases: Part II	
Medical Complications of Tx	Infectious Complications	Infections in Immunocompromised Hosts	Jeffrey Tessier, MD FACP, FIDSA
Medical Complications of Tx	Infectious Complications	BK Virus: Pathogenesis, Diagnosis, and Management	Mike Ison, MD
Medical Complications of Tx	Infectious Complications	Herpes Viruses after Solid Organ Transplantation	Eva A. Piessens, MD, MPH
Medical Complications of Tx	Infectious Complications	Prophylaxis and Treatment of Post-Transplant Hepatitis B	Daniel Kaul, MD
Medical Complications of Tx	Psychosocial Well-Being	Implication of Transplantation on Patient Finances and Insurance Coverage	Colleen Satarino, LMSW
Kidney Tx	Indications	End Stage Renal Disease and the Renal Transplant Evaluation	Monica Grafals, MD
Kidney Transplantation	Indications	Obesity in Kidney Transplantation	Nicole Siparsky, MD
Kidney Transplantation	Indications	Pre-transplant Evaluation of the Kidney and/or Pancreas Recipient	David Lee, MD
Kidney Transplantation	Selection & Deceased Donor Allocation	Expanded Criteria Donor: Kidney Transplantation	Patrick G. Dean, MD
Kidney Transplantation	Selection & Deceased Donor Allocation	Evaluation of the Potential Living Kidney Donor	Julie Heimbach, MD
Kidney Transplantation	Surgical Procedures	Kidney Preparation for Transplantation	Kian Modanlou, MD
Kidney Transplantation	Surgical Procedures	Kidney Transplantation: Surgical Complications	Sanjay Kulkarni, MD FACS
Kidney Transplantation	Surgical Procedures	Kidney Transplantation: Surgical Procedures	Sanjay Kulkarni, MD FACS
Kidney Transplantation	Surgical Procedures	Delayed Graft Function (DGF)	Sameh Adel Fayek, MD, PhD
Kidney Transplantation	Surgical Procedures	Living Donor Nephrectomy	Matthew Cooper, MD

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Kidney Transplantation	Surgical Procedures	Transplant Nephrectomy	David Axelrod, MD
Kidney Transplantation	Immunosuppressive Strategies	Kidney Transplantation and Induction Therapy	Dixon Kaufman, MD
Kidney Transplantation	Immunosuppressive Strategies	Desensitization in Kidney Transplantation	Mark J. Stegall, MD
Kidney Transplantation	Rejection	Evaluation of Post-Transplant Renal Dysfunction	John J. Friedewald, MD
Kidney Transplantation	Long Term Follow-Up	Minimization of Calcineurin Inhibitors (CNIs) in Kidney Transplantation: Part I	Belinda T. Lee, MD
Kidney Transplantation	Long Term Follow-Up	Minimization of Calcineurin Inhibitors (CNIs) in Kidney Transplantation: Part II	
Kidney Transplantation	Short & Long Term Outcomes	Kidney Transplant Outcomes	Randall S. Sung, MD
Kidney Transplantation	Short & Long Term Outcomes	Long Term Kidney Transplant Outcomes and Chronic Graft Loss: Part I	Stuart M. Flechner, MD
Kidney Transplantation	Short & Long Term Outcomes	Long Term Kidney Transplant Outcomes and Chronic Graft Loss: Part II	
Kidney Transplantation		Kidney Allocation System (KAS)	Kenneth Andreoni, MD, FACS
Liver Transplantation	Basic Principles	Liver Transplantation: The Pre-Evaluation: Part I	Jonathan Fryer, MD
Liver Transplantation	Basic Principles	Liver Transplantation : The Pre-Evaluation: Part II	
Liver Transplantation	Basic Principles	Evaluation of a Deceased Liver Donor: The Donor Risk Index	Sandy Feng, MD, PhD
Liver Transplantation	Basic Principles	Donor Options for Pediatric Liver Transplantation: Evaluation and Management: Part I	Kim M. Olthoff, MD
Liver Transplantation	Basic Principles	Donor Options for Pediatric Liver Transplantation: Evaluation and Management: Part II	
Liver Transplantation	Basic Principles	OPTN / UNOS Liver Allocation System	Richard B. Freeman, MD

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Liver Transplantation	Basic Principles	Liver Implantation Techniques: Part I	Sunil K. Geevarghese, MD, FACS
Liver Transplantation	Basic Principles	Liver Implantation Techniques: Part II	
Liver Transplantation	Disease Processes	Alcohol Liver Disease and Liver Transplantation	Cary Caldwell, MD
Liver Transplantation	Disease Processes	Management of Complications of End Stage Liver Disease (ESLD)	Kawtar Al Khalloufi, MD
Liver Transplantation	Disease Processes	Acute Liver Failure (ALF)	Sameh Adel Fayek, MD, PhD
Liver Transplantation	Disease Processes	PSC and PBC	Gregory Gores, MD
Liver Transplantation	Disease Processes	Non-alcoholic Steatohepatitis: NASH	Marc L. Melcher, MD, PhD
Liver Transplantation	Disease Processes	Budd-Chiari Syndrome	Jonathan Fryer, MD
Liver Transplantation	Disease Processes	Update on Hepatocellular Carcinoma: Part I- Epidemiology and Diagnosis	David A. Axelrod, MD
Liver Transplantation	Disease Processes	Hepatocellular Carcinoma: Part II- Treatment Options: Part II	David A. Axelrod, MD
Liver Transplantation	Rejection	Acute Rejection of the Liver Allograft: Clinical, Laboratory and Histologic Presentation	Urmila Khettry, MD
Liver Transplantation	Rejection	The Technique of Percutaneous Liver Biopsy	Mohamed Akoad, MD, FACS
Liver Transplantation	Short & Long Term Complications	Long Term Management of the Liver Transplant Recipient	Josh Levitsky, MD, MS
Liver Transplantation	Living Donors	Liver Offers: Factors Influencing Your Decision	Elizabeth Pomfret, MD, PhD
Liver Transplantation	Living Donors	Adult Recipient Outcomes after Live Donor Liver Transplantation: Part I	John P. Roberts, MD
Liver Transplantation	Living Donors	Adult Recipient Outcomes after Live Donor Liver Transplantation: Part II	

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Liver Transplantation	Living Donors	Adult Living Donor Liver Transplantation: Donor Outcomes	Paul D. Greig, MD, FRCSC
Liver Transplantation	DCD Outcomes	DCD Liver Transplant Outcomes	Christopher B. Hughes, MD
Pancreas Transplantation	Selection & Allocation	Pancreas Transplant Deceased Donor Selection	Randall S. Sung, MD
Pancreas Transplantation	Selection & Allocation	Recipient Evaluation for Pancreas Transplant	Daniel A. Katz, MD
Pancreas Transplantation	Selection & Allocation	Pancreas Donor Selection: A Crucial Part of Successful Pancreas Transplant- Part I	Abhi Humar, MD
Pancreas Transplantation	Selection & Allocation	Pancreas Donor Selection: A Crucial Part of Successful Pancreas Transplant- Part II	Abhi Humar, MD
Pancreas Transplantation	Immunosuppressive Strategies	Pancreas Transplantation and Induction Therapy	Dixon Kaufman, MD
Pancreas Transplantation	Immunosuppressive Strategies	Pancreas Transplantation and Maintenance Therapy	Dixon Kaufman, MD
Pancreas Transplantation	Deceased Recovery & Surgical Procedures	Surgical Technique of Pancreas Recovery	Khalid Khwaja, MD
Pancreas Transplantation	Deceased Recovery & Surgical Procedures	Pancreas Back Table Preparation	Khalid Khwaja, MD
Pancreas Transplantation	Exocrine & Venous Drainage	Pancreas Transplantation: Exocrine and Veinous Drainage	Jonathan A. Fridell, MD
Pancreas Transplantation	Outcomes	Impact of Pancreas Transplantation on Quality of Life	Seth J. Karp, MD
Pancreas Transplantation	Outcomes	Pancreas Transplantation: The Outcomes and Survival Benefits- Part I	Mark L. Sturdevant, M.D.
Pancreas Transplantation	Outcomes	Pancreas Transplantation: The Outcomes and Survival Benefits- Part II	
Pancreas Transplantation	Long Term Follow-Up	Surgical Complications of Pancreas Transplantation: Part I	Christoph Troppman, MD
Pancreas Transplantation	Long Term Follow-Up	Surgical Complications of Pancreas Transplantation: Part II	

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Pancreas Transplantation	Long Term Follow-Up	Surgical Complications of Pancreas Transplantation: Part III	
Pancreas Transplantation	Long Term Follow-Up	Indications and Technique for Graft Pancreatectomy and Pancreas Retransplantation	Ty B. Dunn, MD
Pancreas Transplantation	Islet Transplantation	Islet Isolation and Transplantation Process	Hermann J. Kissler, MD
Pancreas Transplantation	Islet Transplantation	Triaging the Type I Diabetic Patient for Beta Cell Replacement: Solid Organ Pancreas vs. Islets Based on Current Outcomes	Peter Stock, MD, PhD
Dialysis Access		Vascular Access for Hemodialysis: An Update: Part I	Joseph R. Leventhal, MD, PhD
Dialysis Access		Vascular Access for Hemodialysis: An Update: Part II	Joseph R. Leventhal, MD, PhD
Dialysis Access		Complications of Vascular Access	James Whiting, MD
Dialysis Access		Peritoneal Dialysis Catheters	James Whiting, MD
Public Policy and Organ Allocation		Organ Procurement and Transplant Network (OPTN) and the Transplant Center	Timothy L. Pruett, MD
Public Policy and Organ Allocation		Scientific Registry of Transplant Recipients	Bertram L. Kasiske, MD
Public Policy and Organ Allocation		Centers for Medicare Services (CMS) for Accreditation of Hospitals & Oversight of Transplantation	Kenneth Andreoni, MD
Ethics		Ethics	Eric Grossman, MD / Peter Angelos, MD, PhD
Ethics		Ethics Surrounding DBD and DCDD Donors	David P. Foley, MD
Ethics		Ethics in Living Liver Donation	Anji Wall, MD, PhD
Hepato-Pancreatico-Biliary		Management of Benign Tumors of the Liver	Kelly M. Collins, MD
Hepato-Pancreatico-Biliary		Metastatic Cancer of the Liver	Parsia A. Vagefi, MD

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Hepato-Pancreatico-Biliary		Management of Cholangiocarcinoma	Shimul A. Shah, MD, MHCM
Hepato-Pancreatico-Biliary		Pediatric Liver Tumors: Hepatoblastoma	Sophoclis P. Alexopoulos, MD, FACS
Hepato-Pancreatico-Biliary		Pancreatitis Management	Marlon F. Levy, MD, FACS
Hepato-Pancreatico-Biliary		Management of Gallbladder Cancer	Karim J. Halazun, MD, FACS
Hepato-Pancreatico-Biliary		Choledochal Cyst Management	Kendra D. Conzen, MD, FACS
Hepato-Pancreatico-Biliary		Management of Benign Cystic Tumors of the Pancreas	Adeel S. Khan, MD, MPH
Hepato-Pancreatico-Biliary		Management of Cirrhosis in Non-Transplant Conditions	Gregory Veillette, MD, FACS
Hepato-Pancreatico-Biliary		Resection for HCC	M.B. Majella Doyle , MD, FACS
Hepato-Pancreatico-Biliary		Management of HCC with Liver Transplant	M.B. Majella Doyle , MD, FACS
Hepato-Pancreatico-Biliary		Benign Bile Duct Injury and Strictures	Christopher J. Sonnenday, MD, MHS