



Minimally Invasive Organ Transplant Consensus Conference (MIOT.CC)

12-14 December 2024, Riyadh, Saudi Arabia

Preliminary Program v39

Day 1: Thursday 12 December 2024 - Live Demonstrations & Workshops

08:00 - 20:00: Live Surgical Demonstrations

Introduction: Prof. Dieter Broering and Prof. Enrico Benedetti

Live Surgery: Robotic Liver and Kidney Transplant Procedures

Day 2: Friday 13 December 2024 - Consensus Sessions on Liver & Kidney Transplant

08:00 - 08:30: Opening Ceremony and Welcome Address

Opening Speech: Dr. Majid Alfayyad, CEO, King Faisal Specialist Hospital

Introduction: Prof. Dieter Broering and Prof. Enrico Benedetti

08:30 – 08:50: Special Lecture: Robert Montgomery, New York, NY, USA

Innovating Transplant Medicine: Strategies for Safe and Effective Implementation

08:50 - 14:00: Minimally Invasive Donor Hepatectomy Consensus Sessions

1. How to establish a minimally invasive donor hepatectomy program and what are the optimal *selection criteria* for donors undergoing minimally invasive hepatectomy to ensure favorable outcomes for both donors and recipients?

Mohamed Rela	Surgery	Chennai	India
Ashwin Rammohan	Surgery	Chennai	India
Bandar Aljudaibi	Hepatology	Riyadh	Saudi Arabia
S. Sudhindran	Surgery	Kochi	India
Susumu Eguchi	Surgery	Nagasaki	Japan
Talia Baker	Surgery	Chicago, IL	USA
Young-In Yoon	Surgery	Seoul	South Korea

2. How should *anesthesia* protocols be adapted for minimally invasive donor hepatectomy to enhance patient safety and postoperative recovery?

Michael Spiro	Anesthesia	London	UK
Dmitri Bezinover	Anesthesia	Hershey, PA	USA
Pooja Bhangui	Anesthesia	Delhi	India
Ramona Nicolau	Anesthesia	Miami, FL	USA
Stuart McCluskey	Anesthesia	Toronto, ON	Canada

3. What are the most effective and safe *surgical techniques* in minimally invasive donor hepatectomy for optimizing donor and recipient outcomes?

Dong Sik Kim	Surgery	Seoul	South Korea
Rajesh Rajalingam	Surgery	Chennai	India
Safi Dokmak	Surgery	Paris	France
Yao-Ming Wu	Surgery	Tapei	Taiwan

10:30 - 10:45 **Coffee Break**

4. What *Intensive Care / High Dependency / Intermediate Medical Care Unit* strategies are crucial for optimizing outcomes in donors post-minimally invasive hepatectomy?

Fuat Saner	Intensive Care	Riyadh	Saudi Arabia
Akila Rajakumar	Intensive Care	Chennai	India
Annabel Blasi	Anesthesia	Barcelona	Spain
Gebhard Wagener	Intensive Care	New York, NY	USA



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5. What are the key considerations in *postoperative management* to ensure the best outcomes for donors following minimally invasive hepatectomy?

Olivier Soubrane	Surgery	Paris	France
Arvinder Singh Soin	Surgery	Delhi	India
Mark Ghobrial	Surgery	Houston, TX	USA
Saad Alghamdi	Hepatology	Riyadh	Saudi Arabia
Talia Baker	Surgery	Chicago, IL	USA
Varvara A. Kirchner	Surgery	Stanford, CA	USA
Young-In Yoon	Surgery	Seoul	South Korea

14:00 - 14:30 Lunch break

14:00 - 15:00: Minimally Invasive Recipient Liver Transplant Consensus Session

6. What are the comprehensive strategies and critical considerations across *preoperative, intraoperative, and postoperative* phases to enhance the success and outcomes of minimally invasive liver transplantation for recipients?

Fabrizio Di Benedetto	Surgery	Modena	Italy
Adeel S. Khan	Surgery	St. Louis, MO	USA
Fuat Saner	Intensive Care	Riyadh	Saudi Arabia
Hugo Pinto Marques	Surgery	Lisbon	Portugal
Kyung-Suk Suh	Surgery	Seoul	South Korea
Paolo Magistri	Surgery	Modena	Italy (TBC)

15:00 - 16:30: Minimally Invasive Donor Nephrectomy Consensus Sessions

7. What criteria define the optimal *selection* of donors for nephrectomy to maximize safety, short as well as long-term outcomes for both donors and recipients?

Inderbir Gill	Surgery	San Francisco, CA	USA
Frank Dor	Surgery	London	UK
Jens G. Brockmann	Surgery	Riyadh	Saudi Arabia (TBC)
Phillipe Abreu	Surgery	Denver, CO	USA

8. Which *surgical techniques* in donor nephrectomy provide the best balance between minimally invasive approaches for the donor as well as optimal outcomes for recipients?

Lloyd Ratner	Surgery	New York, NY	USA
Frank Dor	Surgery	London	UK
Jens G. Brockmann	Surgery	Riyadh	Saudi Arabia (TBC)
Lucrezia Furian	Surgery	Padova	Italy (TBC)
Phillipe Abreu	Surgery	Denver, CO	USA

9. What are the key considerations in *postoperative management* to ensure the best outcomes for donors following minimally invasive nephrectomy?

Hassan Aleid	Nephrology	Riyadh	Saudi Arabia
Phillipe Abreu	Surgery	Denver, CO	USA

16:30 - 17:00 Coffee Break



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17:00 - 18:00: Minimally Invasive Recipient Kidney Transplant Consensus Session

10. What are the comprehensive strategies and critical considerations across *preoperative, intraoperative, and postoperative* phases to enhance the success and outcomes of minimally invasive recipient kidney transplantation?

Ivo G. Tzvetanov	Surgery	Chicago, IL	USA
Atsushi Yoshida	Surgery	Detroit, MI	USA
Chandra Bhat	Surgery	Baltimore, MD	USA
Pranjal R. Modi	Surgery	Gujarat	India
Rodrigo Vianna	Surgery	Miami, FL	USA
Thomas Pshak	Surgery	Aurora, CO	USA

20:30 - 23:30: Gala Dinner

Day 3: Saturday 14 December 2024 - Consensus Sessions on Pancreas, Lung, Heart, & Uterus Transplant

08:00 - 08:20: Special Lecture: Cristoforo Giulianotti, Surgery, Chicago, IL, USA
Shaping the future of surgery with robotic systems in all operating rooms

08:30 - 09:30: Minimally Invasive Recipient Pancreas Transplant Consensus Session

11. What are the comprehensive strategies and critical considerations across *preoperative, intraoperative, and postoperative* phases to enhance the success and outcomes of minimally invasive recipient pancreas transplant?

Mario Spaggiari	Surgery	Chicago, IL	USA
Ugo Boggi	Surgery	Pisa	Italy
Phillipe Abreu	Surgery	Denver, CO	USA

09:30 - 10:00 Coffee Break

10:00 - 11:00: Minimally Invasive Lung Transplantation Consensus Session

12. What are the comprehensive strategies and critical considerations across *preoperative, intraoperative, and postoperative* phases to enhance the success and outcomes of minimally invasive recipient lung transplantation?

Dominick Megna	Surgery	Los Angeles, CA	USA
Nandor Marczin	Anesthesia	Harefield	UK
Reinaldo E. Rampolla	Pulmonology	Los Angeles, CA	USA

11:00 - 11:30: Minimally Invasive Heart Transplantation Consensus Session

13. How can minimally invasive cardiac *surgery techniques* be adapted for heart transplantation to reduce trauma, *select initial patients* effectively, address surgical challenges, and ensure optimal *postoperative* recovery and success?

Firas Khaliel	Surgery	Riyadh	Saudi Arabia
Sudhir Srivastava	Surgery	New Delhi	India

11:30 - 12:00: Coffee Break



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12:00 - 13:00: Minimally Invasive Uterus Transplantation Consensus Session

14. How can minimally invasive techniques for uterus donor retrieval and transplantation be optimized in *preoperative, intraoperative, and postoperative* phases to improve outcomes for both donors and recipients

Giuliano Testa	Surgery	Dallas, Texas	USA
Luiz Carvalho	Reproductive Medicine	Sao Paulo	Brazil
Marcelo de Andrade Vieira	Surgery	Sao Paulo	Brazil
Niclas Kvarnström	Surgery	Gothenburg	Sweden
Pernilla Dahm-Kähler	Surgery	Gothenburg	Sweden

13:00 - 14:00: Lunch Break

14:00 - 14:30: Summary of the Recommendations Closing Remarks