

**International Course**  
**“THE DONOR SURGEON” VIII Edition**  
**PADUA - ITALY 13<sup>th</sup>-14<sup>th</sup>-15<sup>th</sup> February 2019**  
**Course Directors:**  
**Prof. Umberto Cillo, Prof. Paolo Rigotti, Dott. A. Nanni Costa**

**13<sup>th</sup> February AULA ARCHIVIO ANTICO (Palazzo Bò)**

13.30 – 14.00 – Participants registration and welcome coffee

14.00 – 14.30 – Welcome from local Authorities and Course presentation

***Theoretical session: Chairmen: U. Cillo – P. Rigotti***

14.30 – 15.00 –Lecture: Donor and transplant trends over the years for solid organ transplantation

15.00 – 15.30 – A Multi-organ Retrieval: details of surgical technique with particular reference to Team interaction

15.30 – 15.40 Overview on thoracic organs retrieval: vascular sharing with cardiac surgeon

15.40 – 16.00 – Immunology and organ transplantation: update on DSAs

16.00 – 16.30 –Donor preconditioning and Nhbeating donors, technical features

16.30 – 17.00 – New technologies for organ preservation: state of art in Machine Perfusion

17.00 – 17.30 – Donor infective status and potential impact on recipients

17.30 – 18.00 – Pathology recalls in organ donation

18.00 – 18.30 – Questions and remarks

18.30 – 19.00 Discussion and closing

**14<sup>th</sup> February**

- **Group 1 (Heart, Lung, Kidney, Liver)**

**9.00 – 13.00 – SALA ACQUAPENDENTE (Institute of Anatomy Molecular Medicine Department), *Practical session on Cadavers: TUTORS***

Endorsed by

**13.00 – 14.30 –Pocket Lunch and Transfer**

**14.30 – 18.00 – DEPARTMENT OF ANIMAL MEDICINE, PRODUCTIONS AND HEALTH, Legnaro (PD),\_Practical session on Pigs and Machine Perfusion application: TUTORS**

- **Group 2 (Heart, Lung, Kidney, Liver)**

**9.00 – 13.00 – DEPARTMENT OF ANIMAL MEDICINE, PRODUCTIONS AND HEALTH, Legnaro (PD),\_Practical session on Pigs and Machine Perfusion application: TUTORS**

**13.00 – 14.30 –Pocket Lunch and Transfer**

**14.30 – 18.00 – SALA ACQUAPENDENTE (Institute of Anatomy Molecular Medicine Department), Practical session on Cadavers: TUTORS**

### **15<sup>th</sup> February**

#### **Heart – Lung**

**8.30 – 10.30 – AULA CARDIOCHIRURGIA Theoretical session – Heart – Chairman G. Gerosa (Università di Padova)**

8.30 – 9.00 – 50-year of heart transplantation: from DCD to DBD and back to DCD

9.00 – 09.30 – Extending criteria for donors: the role of perfusion machines

09.30 – 10.00 – Extending donors' pool: the role of DCD

10.00 – 10.30 – Xenotransplantation: is still a therapeutic option?

**10.30 – 11.00 – Coffee break**

**11.00 – 13.30 - Theoretical session – Lung – Chairman F. Rea (Università di Padova)**

11.00 – 11.30 – Preclinical animal models in lung transplantation

11.30 – 12.00 – Lung procurement technique and possible complications

12.00 – 12.30 – Lung donor management and evaluation of extreme extended donor criteria grafts

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12.30 – 13.00 – Lung procurement technique in DCD class II-III

13.00 – 13.30 – Evaluation of donor in cases of graft lobar reduction

### **Kidney – Pancreas**

**08.30 – 13.00 – AULA STERZI *Theoretical session – Kidney and Pancreas – Chairman P. Rigotti (Università di Padova)***

08.30 – 09.00 – Kidney retrieval from cadaveric donor: iatrogenic lesions

09.00 – 09.30 – Donor risk factors and graft evaluation: kidney

09.30 – 10.00 – Donor risk factors and graft evaluation: pancreas

10.00 – 10.30 – Uncontrolled DCD, A Spanish experience

**10.30 – 11.00 – Coffee Break**

11.00 – 11.30 – Robot assisted Technique in kidney and pancreas transplantation

11.30 – 13.00 – My worst case: personal experience - Moderators

### **Liver**

**8.30 – 13.00 – AULA TERNI *Theoretical session – Liver – Chairman U. Cillo (Università di Padova)***

8.30 – 9.00 – “Tip and Tricks” in Liver procurement

9.00 – 9.30 – Technical challenges in splitting, and what to care of – when splitting

09.30 – 10.00 – LDLT: Techniques and Outcomes in pediatric liver transplant

10.00 – 10:30 – Minimally invasive approach in LDLT (VLS and Robotics)

**10.30 – 11.00 – Coffee break**

11.00 – 11.30 – Autotransplantation technical refinements and machine perfusion

11.30 – 13.00 – My worst case: personal experience – Moderators

**13.30 – 15.00 BIBLIOTECA ANATOMIA PATOLOGICA Lunch**

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### **Final Session**

15.00 – 16.00 – UEMS Certification details and application

16.00 – 16.15 – Final discussion and remarks

### **Course Directors**

*Dott. Alessandro Nanni Costa, Prof. Umberto Cillo, Prof. Paolo Rigotti*

### **Scientific Committee**

*P. Burra, R. De Caro, G. Feltrin, G. Gerosa, V. Macchi, V. Papalois, F. Rea, D. Storani*

*D. Bassi, A. Bertacco, M. Schiavon, C. Silvestre, V. Tarzia, M. Cavicchi, G. Salvatori*

Endorsed by

