

## Meeting Bologna (1-2 December):

### *Organ transplantation from DCD and the management of multiple organs failure including regenerative medicine*

#### Introduction to the Meeting 8.30-9

- Prof. Matteo Ravaioli – Dr. Antonio Siniscalchi
- Prof. Giovanni Molari
- Dr. Chiara Gibertoni
- Dr. Alessandro Nanni Costa
- Prof. Marco Seri

#### Liver and kidney session 9-13.30

*9-11 What did we learn and what we still have to learn for DCD liver transplantation?*

**Moderators: Prof. Luciano de Carlis – Prof. Matteo Ravaioli**

*9-9.15 Which variables and parameters during NRP should contraindicate the use of DCD liver for transplantation*

**Dr. Damiano Patrono; comment 5 min Prof. Salvatore Gruttadauria**

*9.20-9.35 Which ex-vivo strategies for DCD liver: shorter CIT, HOPE, normothermic perfusion or combination. How to decide and which evidence*

**Dr. Riccardo De Carlis, comment 5 min Prof. De Simone Paolo**

*9.40-9.55 Anesthesiologic management of donor and recipient in the DCD setting*

**Prof Gianni Biancofiore, comment 5 min Dott. Andrea De Gasperi**

*10-10.15 Italian experience and evolution of the DCD*

**Dr. Massimo Cardillo, comment 5 min Prof. Renato Romagnoli**

10.20-10.40 Discussion

*10.40-11 “Evolution of liver DCD in Switzerland and in Europe”*

**Prof. Philip Dutkowski**

**Moderator: Prof. Matteo Cescon**

Coffee break e poster session 30 min

**11.30-13.30** *What did we learn and what we still have to learn for DCD kidney transplantation?*

**Moderators: Prof. Loreto Gesualdo – Prof. Andrea Buscaroli**

11.30-11.45 *Which variables and parameters during NRP should contraindicate the use of DCD kidney for transplantation*

**Prof. Quirino Lai; comment 5 min Prof. Gabriele Donati**

11.50-12.05 *Kidney biopsy for DCD when and why*

**Dott. Alessandro Del Gobbo; comment 5 min Prof. Umberto Maggiore**

12.10-12.25 *Postoperative management of DCD recipients: different complications and how to treat*

**Prof. Giorgia Comai; comment 5 min Dr. Rossana Caldara**

12.30-12.50 *Immunosuppression in complex cases and how to manage DCD*

**Prof. Gaetano La Manna**

12.50-13.10 Discussion

13.10-13.30 *“Evolution of kidney DCD in France and in Europe”*

**Prof. Thomas Loran**

**Moderator: Prof. Antonia D’Errico**

13.30-14.30 **Lunch symposium**

**Moderator: Prof. Ugo Boggi**

*Italian school for DCD*

**Prof. Adriano Peris**

*How to train transplant surgeon*

**Prof. Jacopo Romagnoli**

*Machine perfusion and DCD in Bologna: past and present*

**Prof. Matteo Ravaioli**

## **Lung and Heart session 14.30-18.30**

*14.30-16.30 What did we learn and what still have to learn for DCD lung transplantation?*

**Moderators: Prof. Gaetano Gargiulo – Prof Lorenzo Rosso**

14.30-14.45 *Logistic model and organization for DCD in Emilia-Romagna*

**Dr. Nicola Alvaro**

14.45-15.00 *Anesthesiologic evaluations during donor procedure for lung*

**Prof. Vanni Agnoletti, comment 5 min Dr. Massimo Baiocchi**

15.00-15.15 *Anesthesiologic evaluations during recipient procedure for lung*

**Dr. Saverio Pastore, comment 5 min Dr. Andrea Castelli**

15.15-15.30 *Bologna and Italian results with DCD*

**Dr. Filippo Antonacci, comment 5 min Prof. Lorenzo Rosso**

15.30-15.45 *Surgical management for DCD lung transplantation*

**Dott. Pietro Bertoglio, comment 5 min Dott.ssa Stefania Camagni**

15.45-16.00 *Postoperative management of recipients from DCD: different complications and how to treat*

**Dr. Elena Salvaterra; comment 5 min Dr. Piero Candoli**

16.00-16.20 Discussion

16.20-16.30 *“Future project lung from DCD”*

**Prof. Niccolò Daddi**

**Moderators: Dott. Domanico Pinelli, Prof. Nazzareno Gallie**

Coffee break e poster 30 min

**17-18.30 Heart from DCD many questions**

**Moderators: Prof. Davide Pacini and Dr. Massimo Cardillo**

17-17.10 *Results of Heart transplantation from DCD*

**Dr. Sofia Martin Suarez**

17.10-17.20 *How to start a program in Italy*

**Dr. Luciano Potena**

17.20-17.30 *Animal model to prepare to the human setting*

**Dr. Luca Botta**

17.30-17.40 *DCD Heart donation in the peripheral hospital, which problems?*

**Dr. Andrea Nanni**

17.40-17.50 *Possible protocol for Heart DCD transplantation*

**Dr. Massimo Boffini**

17.50-18.30 – Discussion and round table

**Moderator: Dr. Luciano Potena**

Discussants with all presenters and **Dr. Cerchierini, Dr. Antonio Siniscalchi, Dr. Giuseppe Tarantino, Dr. Gabriela Sangiorgi, Dr. Lorenzo Maroni**

## **Management of multiple organs failure and regenerative medicine 8.30-13.30**

### **8.30-11 DCD and Multiple organs failure**

**Moderators: Dr. Antonio Siniscalchi – Dr. Cristina Morelli**

8.30-8.45 *What we know and what we need to improve for A-NPR e TA-NPR*

**Dr. Marinella Zanierato**

8.45-9 *Strategy to decrease warm ischemic time and improve NRP*

**Dr. Francesco Procaccio**

9-9.15 *Ultrasound during NRP*

**Dr. Amedeo Bianchini**

9.15-9.30 *“Pitfalls” during ECLS in DCD*

**Dr. Marta Velia Antonini**

9.30-9.45 *ECLS and complex recipients*

**Dr. Cristiana Laici**

9.45-10 *Different risk of infection for DCD?*

**Prof. Maddalena Giannella**

10.00-10.15 *Infections, TDM and DCD recipient*

**Dott. Milo Gatti**

10.15-11 *Discussion and round table*

**Moderator: Dr. Andrea De Gasperi**

Discussants with all presenters and **Dr. Del Gaudio, Dr. Matteo Serenari, Dr. Andrea Laurenzi, Dr. Chiara Zanfi, Dr. Federica Odaldi**

Coffee break 11-11.30

### **11.30-13.30 Regenerative medicine**

11.30-11.50 *“Cell therapy during organ perfusion”*

**Prof. Giuseppe Orlando (video call)**

**Moderators: Prof. Matteo Ravaioli – Prof. Fabio Piscaglia**

### **12-13.30 Extracellular vesicles and clinical prospective**

**Moderators: Prof. Massimiliano Bonafe – Prof. Gianandrea Pasquinelli**

12-12.15 *Mesenchymal stem cell, extracellular vesicles, and organoids pro and coin ex-vivo treatment for transplantation*

**Prof. Stefania Bruno**

12.15-12.30 *How to manage clinical studies with cell therapy during ex-vivo perfusion*

**Prof. Teresa Rampino**

12.30-12.45 *Clinical application of regenerative medicine during organ failure*

**Prof. Gabriele Matteo D’Uva**

12.45-13 *Diagnostic application with the use of extracellular vesicles*

**Prof. Lorenza Lazzari**

13-13.30 Discussion and round table

**Moderator: Prof. Francesca Bonifazi**

Discussants with all presenters and **Prof. Paolo Caraceni, Dr. Francesco Vasuri, Dr. Maurizio Baldassarre, Dr. Giuliana Germinario**

**Conclusions meeting: Prof. Matteo Ravaioli – Dr. Antonio Siniscalchi**