



*Transplant  
Procurement  
Management*



Donation &  
Transplantation  
Institute



**Hospital Universitario La Paz**

Hospital de Cantoblanco  
Hospital Carlos III

 Comunidad de Madrid

**CLÍNICA**  
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SERVIZO  
GALEGO  
DE SAÚDE



Centro Tecnológico  
de Formación

# 8<sup>th</sup> INTERNATIONAL WORKSHOP ON UNCONTROLLED & CONTROLLED DONATION AFTER CIRCULATORY DEATH

## COURSE PROGRAM

Online sessions: 4, 9, 11, 16, 18 April 2024

In-person sessions: 24, 25, 26 April 2024 (A Coruña, Spain)

UTC+2 (Central Europe Summer Time)

Endorsed by ESOT



## April 4<sup>th</sup>: How is DCD implemented?

Zoom session: <https://us06web.zoom.us/j/81417033034>

*Moderator: Chloë Ballesté*

12:00 **Welcome from course directors: Martí Manyalich and Constantino Fondevila**

### **International overview on DCD: round table**

12:05 Spain, Beatriz Domínguez-Gil

12:25 France, Corinne Antoine

12:45 Italy, Giuseppe Feltrin

13:05 Australia, Helen Opdam

13:25 UK, Dale Gardiner

13:45 United States, John Fung

14:05 Q&A

14:15 BREAK

14:30 **Ethical and regulatory issues**, Núria Masnou

15:00 Q&A

15:15 END

## April 9<sup>th</sup>: Uncontrolled DCD

Zoom session: <https://us06web.zoom.us/j/81417033034>

*Moderator: Ángel Ruiz*

12:00 **From the street to the hospital**, Alonso Mateos

12:30 **In hospital clinical procedures, Death declaration**, Ángel Ruiz

13:00 Q&A

13:10 **Donor viability assessment**, Philip Fortuna

13:40 **Feasibility and how to build an uDCD program**, Marco Sacchi

14:20 Q&A

14:30 END

## April 11<sup>th</sup>: Controlled DCD

Zoom session: <https://us06web.zoom.us/j/81417033034>

*Moderator: David Paredes*

12:00 **Clinical and logistic procedures**, Eduardo Miñambres

12:30 **Withdrawal of life-sustaining treatment and death confirmation**, Sara Alcántara

13:00 Q&A

13:10 **Donor viability assessment**, David Paredes

13:40 **Feasibility and how to build a cDCD program**, Gabriel Oniscu

14:10 Q&A

14:20 END

## **April 16<sup>th</sup>: Surgical procedures and ex-situ organ assessment**

Zoom session: <https://us06web.zoom.us/j/81417033034>

### **Donor preservation and organ recovery: round table**

*Moderator: Mireia Musquera*

- 12:00 Super rapid abdominal, John Fung
- 12:20 Normothermic abdominal regional perfusion, Constantino Fondevila
- 12:40 Super rapid lung, Irene Bello
- 13:00 Super rapid heart, Miguel González
- 13:20 Normothermic Thoracic retrieval, Stephen Large
  
- 13:40 Q&A
  
- 14:00 BREAK

### **Ex-situ organ assessment: round table**

*Moderator: Irene Bello / Joaquim Albiol*

- 14:10 Kidney & Pancreas Hypothermic Perfusion, Joana Ferrer
- 14:30 Kidney Normothermic Perfusion, Victoria Gómez
- 14:50 Liver Hypothermic Perfusion, Andrea Schlegel
- 15:10 Liver Normothermic Perfusion, Peter Friend
- 15:30 Cardiothoracic Perfusion Devices, Irene Bello
  
- 15:50 Q&A
  
- 16:00 END

## **April 18<sup>th</sup>: Transplantation outcomes and future perspectives**

Zoom session: <https://us06web.zoom.us/j/81417033034>

### **Organ transplantation outcomes: round table**

*Moderator: Federico Oppenheimer*

- 12:00 Kidney, Fritz Diekmann
- 12:20 Liver, Amelia Hessheimer
- 12:40 Pancreas, Julien Branchereau
- 13:00 Lung, Dirk Van Raemdonck
- 13:20 Heart, Peter McDonald
  
- 13:40 Q&A
  
- 13:50 BREAK

### **New trends and challenges to improve DCD organ transplantation**

*Moderator: Martí Manyalich / Joaquim Albiol*

- 14:00 Machine perfusion center: US experience – Richard Pietroski
- 14:30 Machine perfusion center: EU experience – Benno Cardini
- 15:00 Paediatric DCD donation – Belen Estébanez
  
- 15:30 END

**24<sup>th</sup> April 2024**

14:00 **Registration**

*Moderator: Chloë Ballesté*

14:10 **Welcome and participants' introduction**

Martí Manyalich / Constantino Fondevila / Javier Aguirrezabalaga / Alberto Centeno

14:30 **Workshops**

	14:30 16:00	16:00 16:30	17:00 18:30
<b>Uncontrolled DCD</b> Ángel Ruiz	<b>A1</b>	BREAK	<b>A2</b>
<b>Controlled DCD</b> Sara Alcántara, Marco Sacchi	<b>A2</b>		<b>A1</b>
<b>Organ recovery &amp; Ex-situ perfusion</b> Moderator: Alejandro Montero, Chloë Ballesté  <b>ANIMAL LAB 1: Combined lung and abdominal procurement from cDCD using abdominal normothermic regional perfusion</b> Amelia J. Hessheimer, TBD, Irene Bello  <b>ANIMAL LAB 2: Heart, lungs and abdominal procurement from cDCD using thoracoabdominal normothermic regional perfusion</b> Javier Aguirrezabalaga, Miguel González, Javier Rodríguez-Rivera, María Delgado  Anaesthesia: Óscar Pato Perfusion: Alejandro Montero SNOD: Inca Carnero / Natalia Souto TCAE: TBC Technical coordination: Alberto Centeno / Valentina Belgrave	<b>B1 &amp; B2</b>		

18:30 **END**

**25<sup>th</sup> April 2024**

*Moderator: Chloë Ballesté*

**09:00 Workshops**

	09:00 10:30	10:30 11:00	11:00 12:30
<b>Uncontrolled DCD</b> Ángel Ruiz	<b>B1</b>	BREAK	<b>B2</b>
<b>Controlled DCD</b> Sara Alcántara, Marco Sacchi	<b>B2</b>		<b>B1</b>
<b>Organ recovery &amp; Ex-situ perfusion</b> Moderator: Alejandro Montero, Chloë Ballesté  <b>ANIMAL LAB 1: Combined lung and abdominal procurement from cDCD using abdominal normothermic regional perfusion</b> Amelia J. Hessheimer, TBD, Irene Bello  <b>ANIMAL LAB 2: Heart, lungs and abdominal procurement from cDCD using thoracoabdominal normothermic regional perfusion</b> Javier Aguirrezabalaga, Miguel González, Javier Rodríguez, María Delgado  Anaesthesia: Óscar Pato Perfusion: Alejandro Montero SNOD: Inca Carnero / Natalia Souto TCAE: TBC Technical coordination: Alberto Centeno / Valentina Belgrave	<b>A1 &amp; A2</b>		

12:30 LUNCH

14:00 **Organ Prerservation**

*Moderator: Joaquim Albiol*

<b>WETLAB – SESSION 1</b>	<b>14:00 14:20</b>	<b>14:20 14:40</b>	<b>14:40 15:00</b>	<b>15:00 15:20</b>
<b>B2L – Vita Smart (Liver)</b> María Sánchez / Juan Carlos Alós	<b>A1</b>	<b>B2</b>	<b>A2</b>	<b>B1</b>
<b>XVIVO – Heart Perfusion System</b> Rafael de la Fuente / Francesc Gahete	<b>B1</b>	<b>A1</b>	<b>B2</b>	<b>A2</b>
<b>TRANSBIOTECH / EX-STREAM – ECMO device</b> Viktor Likin	<b>A2</b>	<b>B1</b>	<b>A1</b>	<b>B2</b>
<b>EUROSETS / CARDIOLIFE – ECMO device</b> Eligio Garcia / Ana Castro	<b>B2</b>	<b>A2</b>	<b>B1</b>	<b>A1</b>

15:20 BREAK

<b>WETLAB – SESSION 1</b>	<b>15:50 16:10</b>	<b>16:10 16:30</b>	<b>16:30 16:50</b>	<b>16:50 17:10</b>
<b>B2L – Vita Smart (Kidney)</b> María Sánchez / Juan Carlos Alós	<b>A1</b>	<b>B2</b>	<b>A2</b>	<b>B1</b>
<b>ORS – LifePort Kidney Transporter</b> Santiago Lombardía / Bert Theunis	<b>B1</b>	<b>A1</b>	<b>B2</b>	<b>A2</b>
<b>XVIVO – Kidney Assist Transport</b> Rafael de la Fuente / Francesc Gahete	<b>A2</b>	<b>B1</b>	<b>A1</b>	<b>B2</b>
<b>ALS – PERLA Preservation solution</b> Silvina Ramella / Thierry Asmar	<b>B2</b>	<b>A2</b>	<b>B1</b>	<b>A1</b>

17:15 END

21:00 “GET TOGETHER” DINNER

**26th April 2024**

*Moderator: Chloë Ballesté*

	09:00 11:00	11:00 11:30	11:30 13:30
<b>Clinical cases</b> Ángel Ruiz / Sara Alcántara	<b>A</b>	BREAK	<b>B</b>
<b>Family approach</b> Núria Masnou / Alejandro Montero	<b>B</b>		<b>A</b>

13:30 **Conclusions and closing ceremony**

14:00 END

**COURSE DIRECTORS**

Constantino Fondevila  
Martí Manyalich

**SCIENTIFIC COMMITTEE**

Javier Aguirrezabalaga  
Alberto Centeno  
Chloë Ballesté  
Irene Bello  
Antón Fernández  
Amelia J. Hessheimer  
Mireia Musquera  
Federico Oppenheimer  
Ángel Ruiz

**COURSE COORDINATION**

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