

PRESENTATION

Currently, donation after cardiac death (DCD) donors are a focus of intense interest in the transplant community, based on the incredible potential they have to increase the number of organ donors. In particular, the subgroup traditionally labeled uncontrolled DCD donors - in whom cardiac arrest occurs unexpectedly, typically outside the hospital setting, and who are declared dead after unsuccessful attempts at resuscitation - has the greatest potential to significantly expand the donor pool (United States Institute of Medicine 2006).

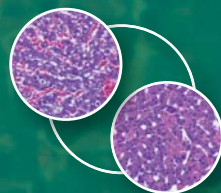
In spite of its estimated potential, the actual use of organs from uncontrolled DCD donors for transplant is scarce. While many transplant groups across the globe are interested in initiating uncontrolled DCD programs, they lack the experience necessary to appropriately manage these donors during organ maintenance, recovery, and transplantation, in order to be able to achieve posttransplant outcomes similar to conventional donors.

Training transplant professionals in the donation process and preservation techniques necessary to obtain viable organs from uncontrolled DCD donors is fundamental to expand the use of organs from this under-utilized resource.

The Hospital Clínic in Barcelona is a pioneering center in the use of organs from uncontrolled DCD donors. Currently, we manage over 50 of these potential donors annually and have performed in excess of 200 transplants using uncontrolled DCD organs (kidney and liver).

OBJECTIVES

- To provide transplant professionals with the knowledge and technical skills necessary to organize the uncontrolled DCD process and adequately maintain potential donors in order obtain viable organs for transplant.
- To discuss the results and real-world applicability of this procedure, including potential pitfalls, areas for improvement, and perspectives toward the future.



II INTERNATIONAL WORKSHOP ON UNCONTROLLED DCD DONORS

SCIENTIFIC SECRETARY

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SITE

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DATES

June 27 & 28, 2013

LANGUAGE

English

COURSE FEE

800 € (includes course, coffee and lunch. Does not include accommodation.)

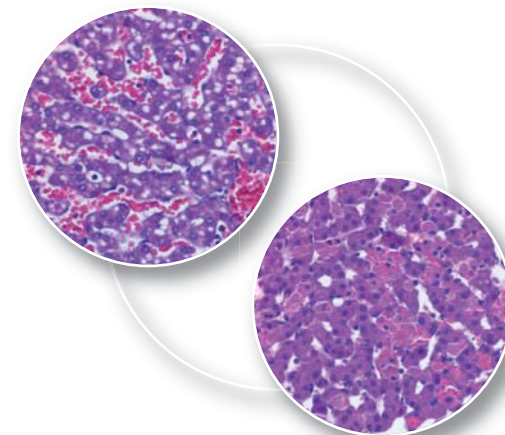
RECOMMENDED HOTELS:

Hotel Zenit Borrell
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II INTERNATIONAL WORKSHOP ON UNCONTROLLED DCD DONORS



COURSE ORGANIZATION

Juan C. García-Valdecasas, Constantino Fondevila
Liver Transplant Unit, Instituto de Enfermedades Digestivas y Metabólicas (IMDM)

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Industry support:



To register please, do so on the following website:

WEBSITE: www.aulaclinic.com



EDUCATIONAL METHOD

The learning method is highly interactive. Both didactic and hands-on skills sessions are presented by a multidisciplinary group of professionals. Skills sessions are performed in a laboratory setting, using both a human simulator and a pig model, while didactic sessions include the use of audiovisual PowerPoint presentations and videos. The workshop also provides written materials to each of the participants as a reference.

ADDRESSED TO

The workshop aims to respond to the needs of healthcare professionals involved in uncontrolled DCD donation, including - but not limited to - emergency medical physicians, transplant coordinators and surgeons, working or interested in working in the field.

CONTENT

Didactic sessions:

- From the street to the hospital: Medicalized ambulances/Mobile ICUs
- Emergency room management & the declaration of death
- The consent procedure
- Technical and surgical aspects of normothermic extracorporeal membrane oxygenation (NECMO)
- Donor evaluation
- Organ evaluation & retrieval (kidney and liver)
- Liver recipient management
- Outcomes & complications (kidney and liver)
- Ethical & legal concerns
- Implementing the Barcelona Model (international experiences)

Human simulator:

- DCD donor transportation
- Advanced cardiorespiratory support and cannulation

Animal lab:

- NECMO procedure
- Organ retrieval
- *Ex situ* evaluation (kidney and liver)
- *Ex vivo* preservation machines (kidney and liver)

THURSDAY, JUNE 27, 2013

SESSION I

Moderator: Francis Delmonico (Boston-TTS),

Beatriz Domínguez-Gil (Madrid)

- 16:00 *Introduction* (Martí Manylich, Juan C. García-Valdecasas)
- 16:10 DCD from an International perspective (Francis Delmonico)
- 16:25 *From the street to the hospital: medicalized ambulances/Mobile ICUs* (Gilberto Alonso)
- 16:40 *Emergency room management & the declaration of death* (Ricard Valero)
- 17:00 *The consent procedure* (Sandra Saavedra)
- 17:20 DISCUSSION
- 17:40 COFFEE BREAK

SESSION II

Moderators: José Fuster, Antonio Alcaraz

- 18:00 *Abdominal recirculation by normothermic extracorporeal membrane oxygenation (NECMO):*
 - *Technical* (Angel Ruiz)
 - *Surgical* (Constantino Fondevila)
- 18:40 *Donor evaluation* (David Paredes)
- 19:00 *Organ evaluation & retrieval*
 - *Kidney* (Mireia Musquera)
 - *Liver* (David Calatayud)
- 19:30 am *Tissue retrieval* (Oscar Fariñas)
- 19:45 pm DISCUSSION

FRIDAY, JUNE 28, 2013

SESSION III

**Attendees will be divided between two groups.

- 08:00 **Group A: Simulator**
(David Paredes, David Calatayud, Chloë Ballesté, Ferran Vizcaino, Ricard Valero)
 - *Advanced cardiorespiratory support*
 - *Cannulation*
- Group B: Animal lab**
(Constantino Fondevila, Lluís Peri, Amelia Hessheimer, Angel Ruiz, Sandra Saavedra, Pilar Taurá, Marina Vendrell)
 - *Normothermic Recirculation / NECMO procedure*
 - *Organ retrieval*
 - *Ex situ evaluation (Kidney, Liver)*

SESSION IV

- 11:00 **Group B: Simulator**
(David Paredes, David Calatayud, Chloë Ballesté, Ferran Vizcaino, Ricard Valero)
 - *Advanced cardiorespiratory support*
 - *Cannulation*
- Group A: Animal lab**
(Constantino Fondevila, Lluís Peri, Amelia Hessheimer, Angel Ruiz, Sandra Saavedra, Pilar Taurá, Marina Vendrell)
 - *Normothermic Recirculation / NECMO procedure*
 - *Organ retrieval*
 - *Ex situ evaluation (Kidney, Liver)*
- 13:00 Lunch break

SESSION V

Moderators: Miquel Navasa, María Molina Gómez (Madrid)

- 14:00 *Liver recipient management (Anabel Blasi/Pilar Taurá)*
Outcomes & complications
- 14:20 *Kidney*
 - *Hospital Clínic Barcelona experience* (Federico Oppenheimer)
 - *Hospital 12 de Octubre Madrid experience* (María Molina Gómez)
- 15:00 *Liver*
 - *Hospital Clínic Barcelona experience* (Juan C. García-Valdecasas)
- 15:20 *Immunosuppression in recipients of DCD organs (TBD)*
- 15:40 DISCUSSION
- 15:50 *Ethical & legal concerns* (Amelia Hessheimer)
- 16:30 DISCUSSION
- 16:45 COFFEE BREAK

SESSION VI

Moderators: Constantino Fondevila, Martí Manylich

- 17:00 *Implementing the Barcelona Model: From death to preservation* (Martí Manylich)
From preservation to transplantation (Constantino Fondevila)
- 17:45 *uDCD Transplantation: International experiences. Hospital 12 Octubre Madrid* (Manuel Abradelo)
Hospital Virgen de las Nieves Granada (Daniel Garrote)
Hôpital Beaujon, Clichy, France (Federica Dondero)
St. Petersburg experience (Oleg N. Reznik)
- 19:00 *Increase deceased organ donation by modified ECMO supported DBCD in China* (Feng Huo)
- 19:20 *New European Recommendations on DCD* (Beatriz Domínguez-Gil)
- 19:40 DISCUSSION
- 19:50 CLOSING REMARKS