COURSE DIRECTORS:

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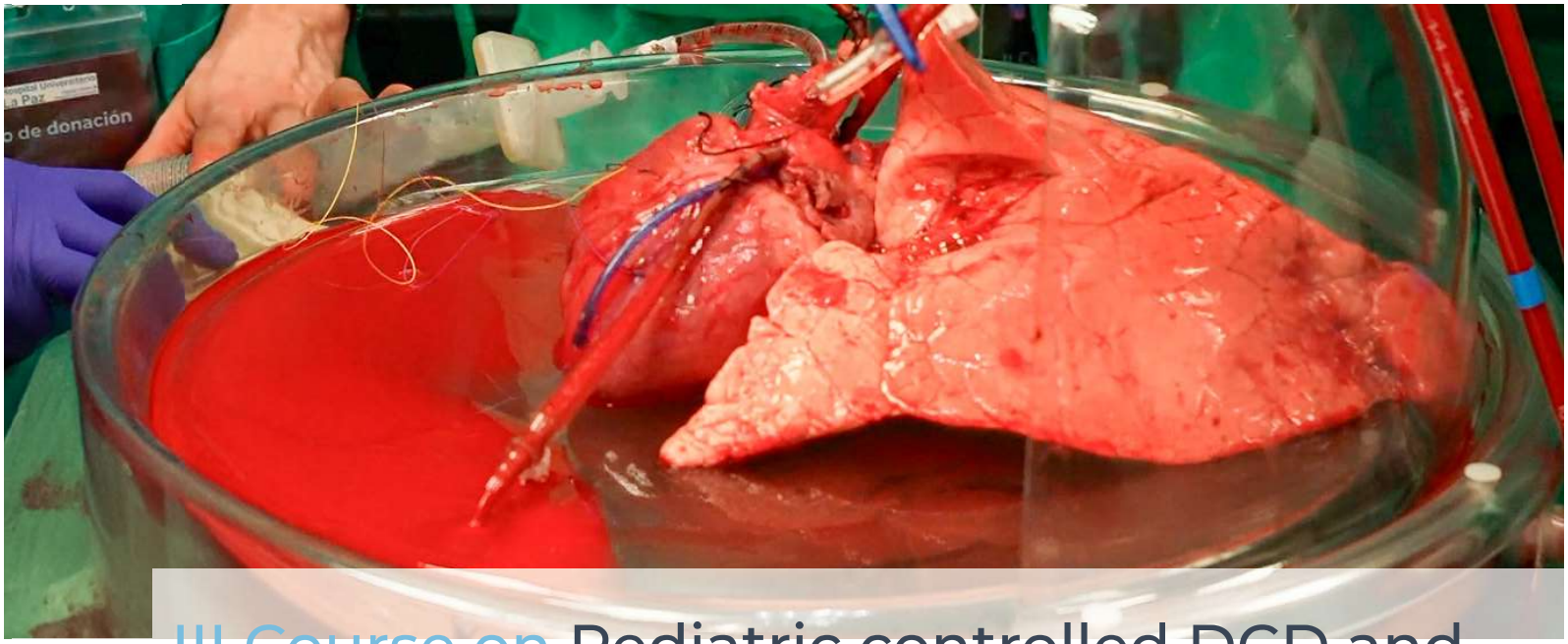
IdiPAZ Instituto de Investigación Hospital Universitario La Paz

TransplantChild



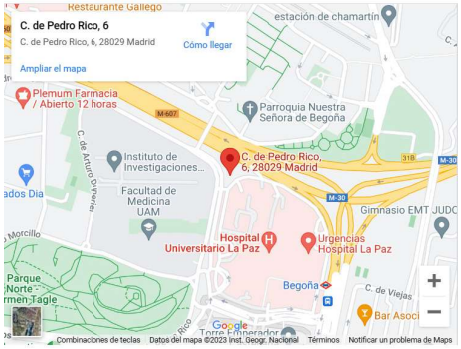
III Course on Pediatric controlled DCD and *Ex situ* organ perfusion.

Training and Research.

Location

Experimental Surgery Laboratory (La Paz University Hospital) and Simulation Platform (Idipaz).

For students who choose the non-presential mode, a Zoom link will be provided to attend the live course, and a web link for on-demand viewing.



Dates

Introduction

Donation after circulatory death (DCD) has become an important additional source of organs to address the needs of the pediatric waiting list. To launch a controlled DCD program, it is essential to form a multidisciplinary team that includes specialists in surgery, intensive care, anesthesiology, nursing, and transplant coordination. The program address the topics of interest for the different participants, including non-pediatric specialists. *Ex situ* organ perfusion is an emerging field with an important role in the validation and treatment of DCD organs. The course covers also the theoretical and practical knowledge of *ex situ* organ perfusion.

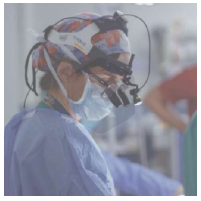
"Controlled DCD and *ex situ* perfusion are revolutionizing pediatric transplants."

Objectives:

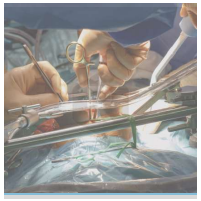
Acquire basic knowledge of legislation related to controlled DCD.

Learn the procedure for controlled DCD.

Practice the technical skills necessary for donation using a high-fidelity simulation model.



Perform the donation procedure on an animal model.



Perform *ex situ* perfusion of the various extracted organs in their different modalities (hypothermia and normothermia).

Methods:

Theoretical sessions available on the course platform and classroom discussion.

Role-playing game.

High-fidelity simulation model.

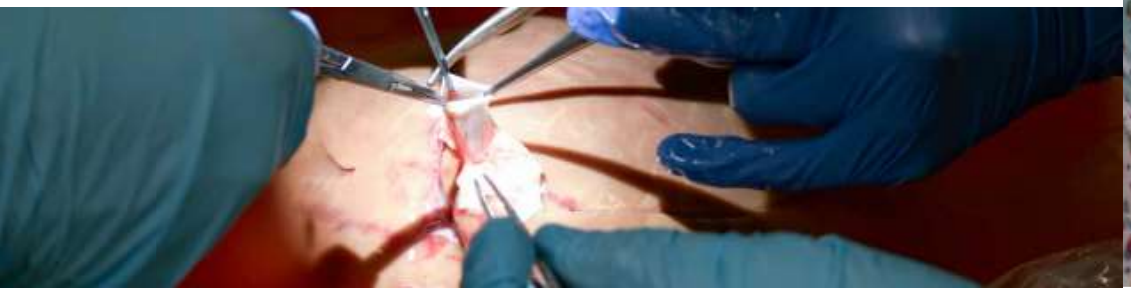
Animal model (donation and *ex situ* perfusion)

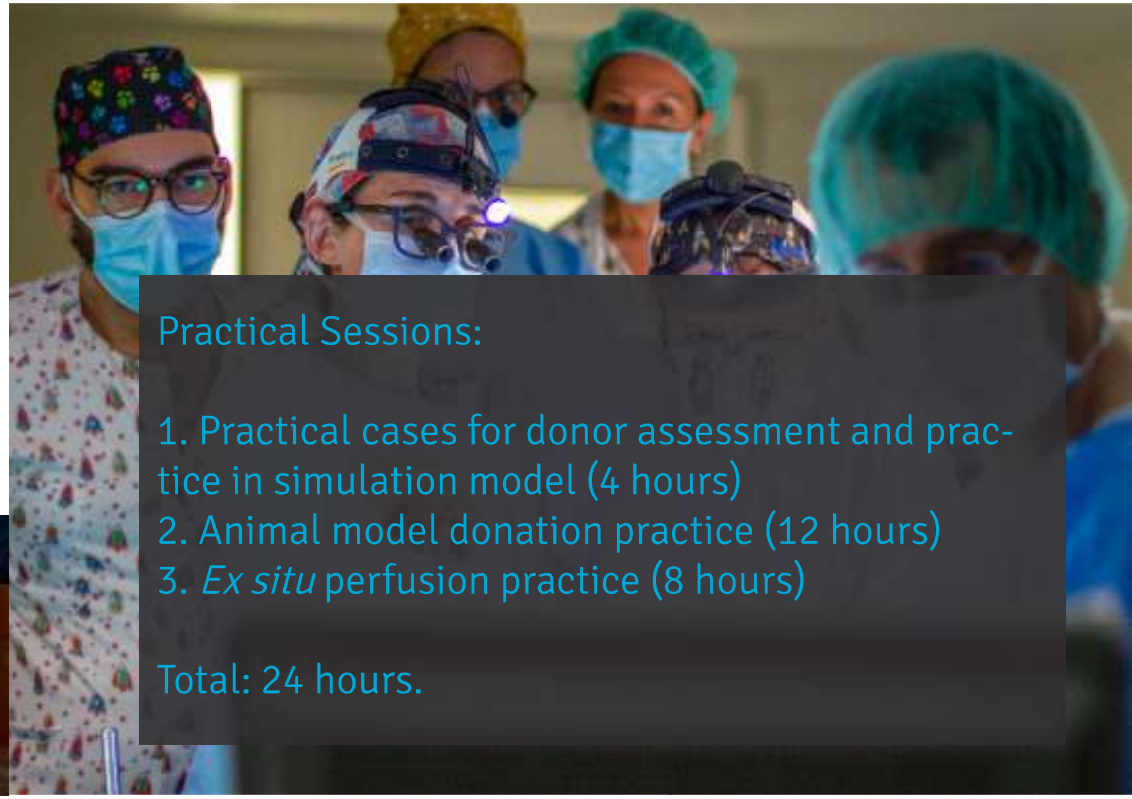
Group discussion following the practice.

Theoretical content (3 hours).

The materials will be provided online prior to the course and will be discussed for 4 hours during the course with the instructors.

· Introduction and legal framework of donation after circulatory death (Dr. Alicia Pérez, ONT)
· Process of controlled donation after circulatory death (Dr. Estébanez Montiel, Transplant Coordinator, HULP)
· Donor and recipient selection criteria (Drs. María Velayos and Virginia Amesty, HULP)
· Pre-mortem and post-mortem cannulation for donation (Cardiac Surgery Department, Dr. Gonzalez Rocafort and Pediatric Surgery, Dr. Serradilla, HULP)
· Organ validity criteria (Dr. Rosa Erro, HULP)
· The role of nursing in donation after circulatory death (RN Cristina González, HULP)
· Normothermic regional perfusion, abdominal and thoracoabdominal (RN Paula Burgos, HULP)
· Role of the anesthesiologist in controlled donation after circulatory death (Dr. Gema Campo, Pediatric Anesthesiologist, HULP)
· Transplant outcomes in controlled donation after circulatory death (Dr. Estefania Fernandez, Birmingham Children's Hospital)
· *Ex situ* perfusion of organs obtained after circulatory death (Dr. Alba Bueno, Pediatric Surgeon, Birmingham Children's Hospital)
· Research models on donation after circulatory death (Pablo Stringa, La Plata Research Institute, Argentina)





Practical Sessions:

1. Practical cases for donor assessment and practice in simulation model (4 hours)
2. Animal model donation practice (12 hours)
3. *Ex situ* perfusion practice (8 hours)

Total: 24 hours.

Wednesday
November 20th

10:00 AM - 2:00 PM:
Course presentation
Inaugural conference
Talks (2 hours)
12:00 PM - 12:30 PM: Coffee break
Joint discussion (theoretical) (1 hour)
Group discussion (theoretical) (1 hour)

2:00 PM - 3:00 PM:
Lunch break

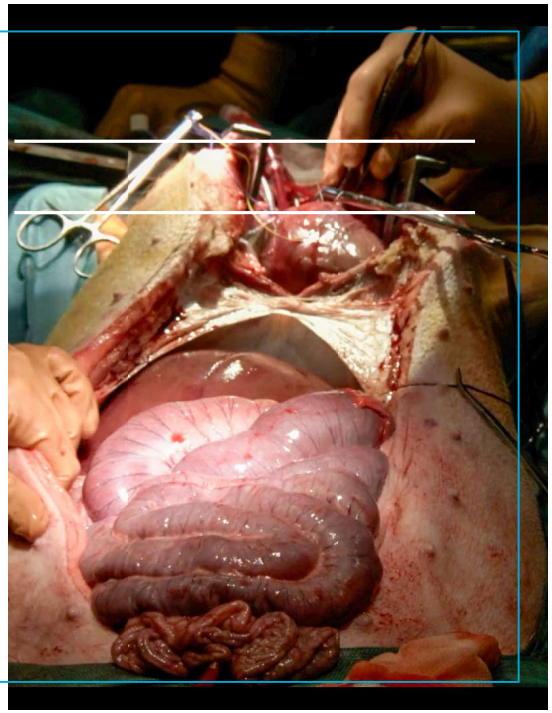
3:00 PM - 5:00 PM:
Simulation model

Thursday
November 21st

8:30 AM - 9:00 AM:
Preparation of animal model in groups
9:00 AM - 11:00 AM:
Asystole
11:00 AM - 12:00 PM:
Coffee break and debriefing
12:00 PM - 2:00 PM:
Asystole
2:00 PM - 3:00 PM:
Lunch and debriefing
3:00 PM - 7:00 PM:
Ex situ perfusion
8:30 PM:
Course dinner

Friday
November 22nd

8:30 AM - 9:00 AM:
Preparation of animal model in groups
9:00 AM - 11:00 AM:
Asystole
11:00 AM - 12:00 PM:
Coffee break and debriefing
12:00 PM - 2:00 PM:
Controlled donation after circulatory death
2:00 PM - 3:00 PM:
Lunch and debriefing
3:00 PM - 7:00 PM:
Ex situ perfusion



Inscriptions

Registration fee:

Surgeons	**1.200€**
Perfusionists	**1.000€**
Anesthetists and Intensivists Transplant Coordinators	**800€**
Nursing	**400€**
Residents / Students	**300€**
Non-presential Course (participation via streaming)	**200€**

Registrations for the course have different prices depending on the cost of materials required for each specialty's activities. Scholarships are available for residents, and there is a significantly reduced price for those unable to travel who opt for the online format, where the price is the same for all participants.

Registrations can be formalized via email at donaciones@idipaz.es.

For any questions or information regarding the course, please contact:

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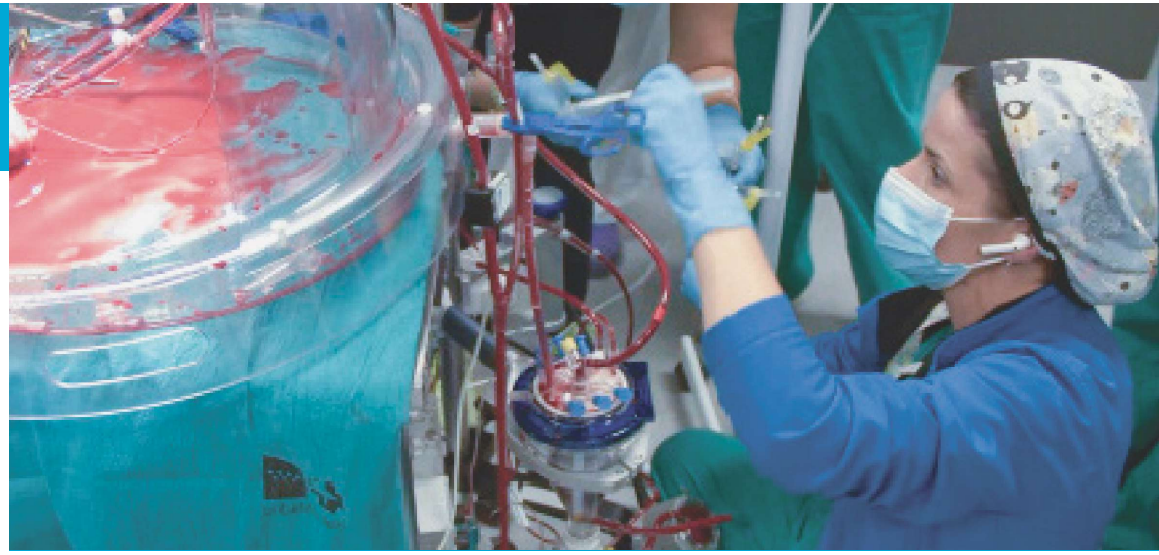

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