

21 st edition

International Master in Donation and Transplantation of Organs, Tissues and Cells

September 2024 - June 2025

DTI
DONATION & TRANSPLANTATION INSTITUTE

OVERVIEW

Donation and Transplantation Institute – DTI Foundation is a non-profit organization with the commitment to train and advise public and private organizations in the development of organ donation and transplantation systems, and therefore to raise organ donation in the world and improve people's quality of life.

Transplant Procurement Management (TPM) is the educational brand of DTI Foundation. It was created in 1991 as an international educational program that provides demand-driven, high-quality training that facilitates the transfer of knowledge and the development of professional competences as well as an excellent framework for networking worldwide.

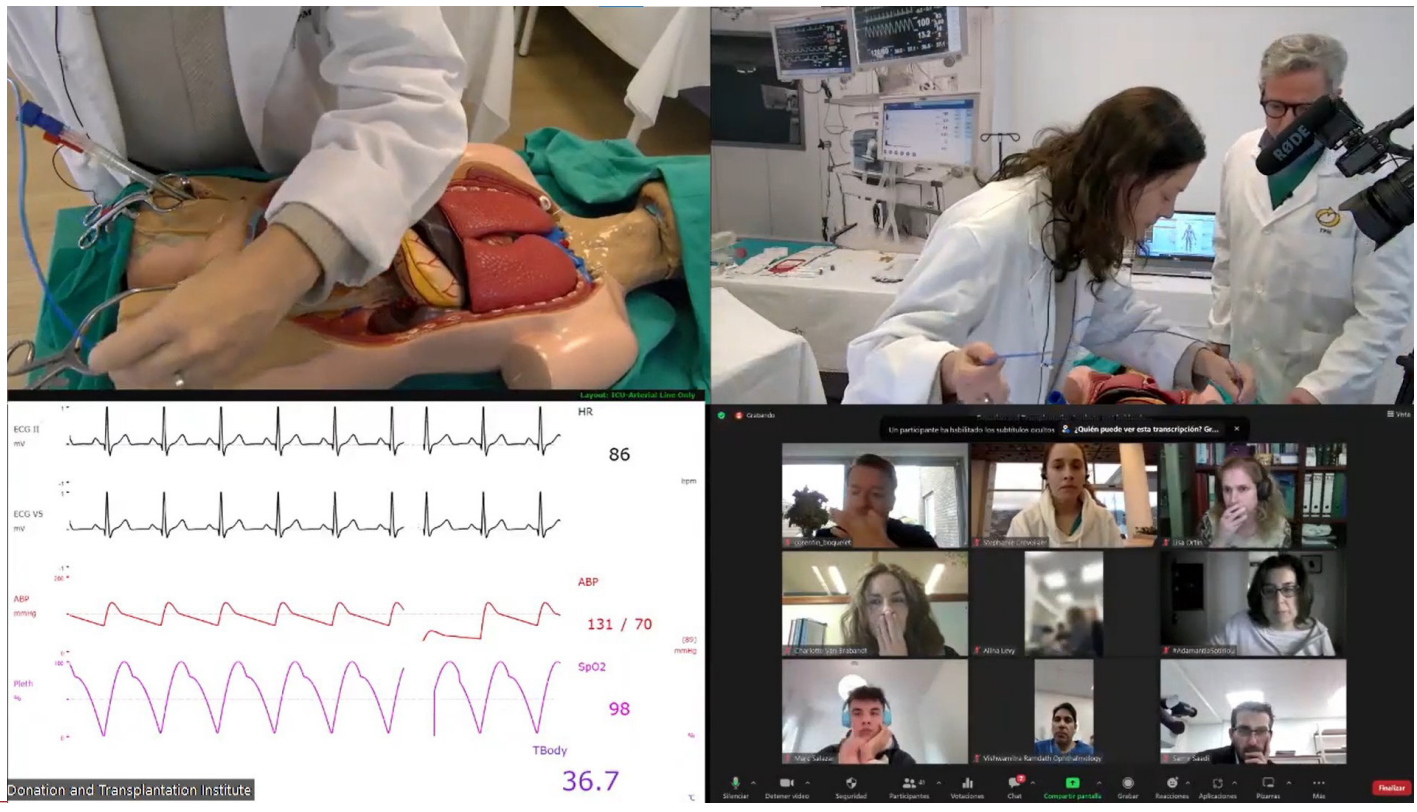
The International Master in Donation and Transplantation of Organs, Tissues and Cells is a specific Master of the Universitat de Barcelona that gathers the up to now efforts carried out by national and international organizations of this field. It takes advantage of advanced learning technologies that provide significant learning experiences and foster meaningful collaborations.

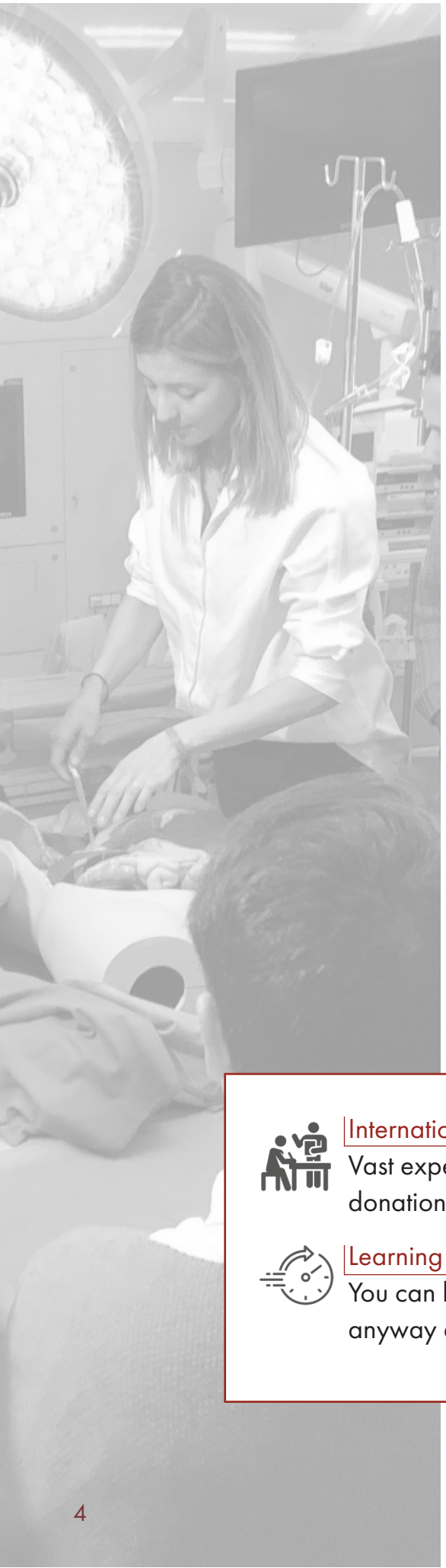
The program includes online training and an optional face to face observership in a prestigious centre. Participants will have the opportunity to learn and to exchange knowledge with their colleagues, experts, tutors and the centres' staff. Previous courses from TPM can be recognized.

Duration - 9 months

Language - English

Modality- Online/Blended





OBJECTIVES

Its main goal is to bring together the knowledge, skills, and best practices which benefits healthcare professionals working as donor-transplant coordinators, tissue bankers and advanced cell therapies researchers by developing and updated educational program and issuing the Master University degree.

- To provide healthcare professionals with the tools and resources that may support their work and the development of the multidisciplinary tasks in donor-transplant coordination, tissue banking and cell therapy programs.
- To facilitate the switch from the theoretical knowledge into the practice, through a critical reflection about their own experience.
- To optimize decision-making in the organ procurement process, to boost teamwork and to promote the use of communication technologies to share information, knowledge and best practices.
- To establish a consulting network with the participation of other allied international institutions to building up safe and quality transplant systems.
- To boost the increase in the donation rates and, consequently, in the transplantation rates among the countries represented by participants.

International Experts:
Vast experience in the field of donation and transplantation

Networking:
Learn and share experiences from a multicultural approach.

Learning on the go:
You can learn anywhere, anyway and any time

Knowledge:
Holistic view of the donation and transplantation process.

ADDRESSED TO

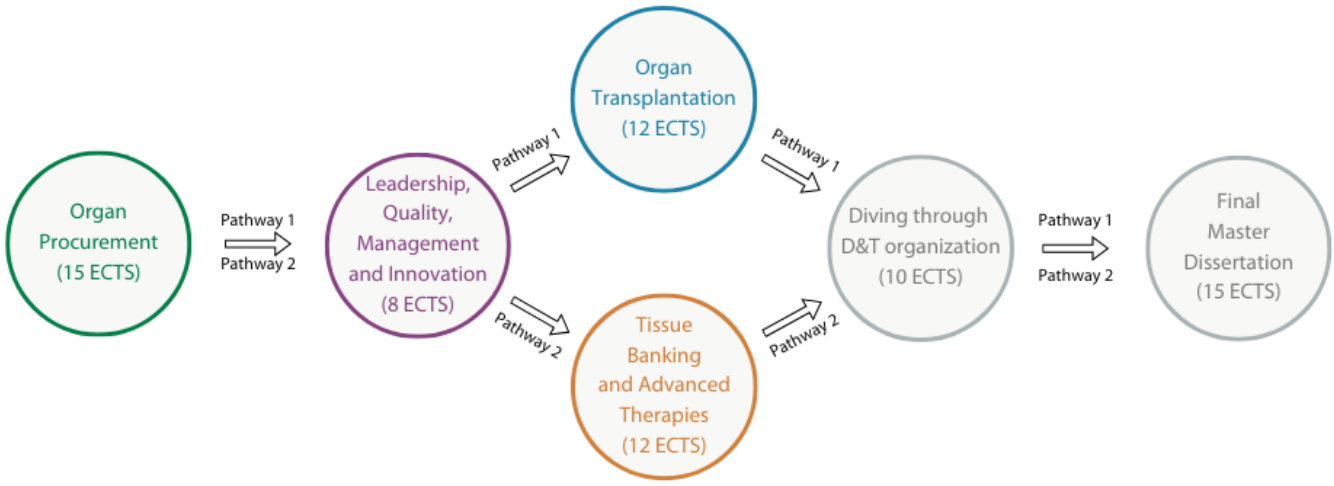
- Healthcare professionals involved in any of the phases of an ongoing organ donation/transplantation program.
- Professionals involved in tissue banking and/or advanced therapies.
- Researchers and project managers working in the field.
- Biology, Biochemistry, Chemical Engineering, Pharmacy & Pharmacology specialists.
- Professionals in charge of national, regional, or local procurement organizations

SKILLS AND COMPETENCES

- Promote the development of a strategic vision to increase donation rates.
- Develop skills: responsibility, motivation, empathy, flexibility, tenacity, enthusiasm, autonomy, creativity, diplomacy, and conflict resolution.
- Planning and executing projects through self-study.
- Acquire social communication skills and values to work in a multidisciplinary environment.
- Encourage leadership, project management and teamwork.
- Get started in the networking and international relations.

PERSONALIZED PATHWAY

The program offers two different pathways with the following modular structure:



METHODOLOGY

The pedagogical model is based on the use of a learning structure which facilitates the access to an educational environment through learning and communication tools and teaching resources. Each module will approximately require 10-15h hours dedication a week. The flexible and interactive online learning methodology combines both synchronous and asynchronous learning and is focused on promoting a continuous building of knowledge and skills to put them into practice.



Asynchronous Activites

Learn at your own pace:

- Written content
- Videos
- Forum discussions
- Group activities



Synchronous Activites

Real-time sessions once a week:

- Interactive clinical cases
- Round table
- Video analysis
- Virtual games

Contents are divided into different topics and are delivered gradually through our virtual platform, according to the calendar. Each topic is guided by a team of **national and international healthcare professionals** with a high level of expertise in the field.

Faculty members act as tutors **promoting communication and guiding the students** throughout their learning process.

Learning approach through our **virtual campus** based on:

- Collaborative learning
- Case-based learning
- Simulations
- Problem-based learning
- Gamification
- Flip learning

CONTENTS AND CALENDAR



ORGAN PROCUREMENT

30th September - 11th December 2024

- Donor Detection and Evaluation
- Brain Death Diagnosis
- Donor Management and Organ Viability
- Family approach to Organ Donation
- Organ Recovery, Preservation & Allocation Criteria
- Donation after Circulatory Death



LEADERSHIP, QUALITY, MANAGEMENT AND INNOVATION

9th December - 26th January 2025

- Organ procurement and transplant programs organization
- Best practice models
- Teambuilding & empowerment
- Optimal cost-effective measures
- Engaging your staff: working with and through others
- Quality programs and quality indicators



ORGAN TRANSPLANTATION

27th January - 30th March 2025

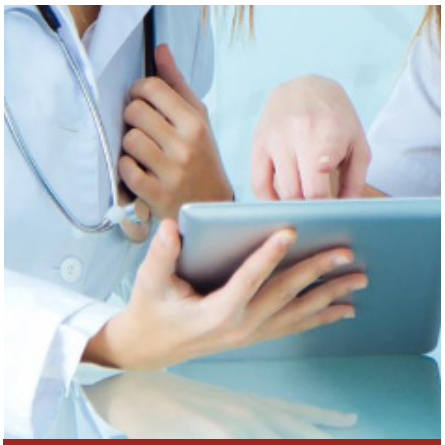
- Immunology and Immunosuppression
- Indications and Waiting List
- Organ evaluation and surgical procedure
- Postoperative management and medical follow-up
- Paediatric Transplantation
- Living donation



TISSUE BANKING AND ADVANCED THERAPIES

31st March - 8th June 2025

- Ethical and Regulatory Issues
- Quality Management
- Tissue Donor Detection and Select Criteria
- Cardiovascular Banking
- Cornea Banking
- Skin Banking
- Musculoskeletal Banking
- Tissue and Cell Therapy



DIVING THROUGH D&T ORGANIZATION

January - May 2025

- Immersive visit to a hospital with VR glasses
- Interview with experts
- Videos recorded by experts in donation and transplantation

Face to face observership is optional, with the possibility to attend real cases in an accredited centre.



FINAL MASTER'S DISSERTATION

September 2024 - June 2025

- Written master thesis with an oral defense
- Based on the applicability of the knowledge acquired
- Practical and implementable in your workplace or professional career

Languages accepted for the FMD: English, Spanish, Catalan, French and Italian.

MASTER DIRECTION



RICARD VALERO

Head of Anaesthesiology Service
Hospital Clínic de Barcelona
Professor
Universitat de Barcelona

MASTER COORDINATION



CHLOË BALLESTÉ

Medical Director
DTI Foundation
Professor
Universitat de Barcelona



CARMEN BLANCO

Head of Educational Programs
DTI Foundation



MAITE PUJOL

Learning Designer
DTI Foundation

UNIVERSITAT DE BARCELONA PROFESSORS



IRENE BELLO

Lung Transplant and Thoracic Surgeon
Hospital Clínic de Barcelona



JORDI COLMENERO

Hepathologist at Liver Transplant Unit
Hospital Clínic de Barcelona



FRITZ DIEKMANN

Head of Renal Transplant Unit
Hospital Clínic de Barcelona



AURORA NAVARRO

Medical Biovigilance Officer
Organització Catalana de
Trasplantaments (OCATT)



EVA OLIVER

Intensive Care Specialist and
Transplant Coordinator
Hospital Clínic de Barcelona



DAVID PAREDES

Consultant and
Transplant Coordinator
Hospital Clínic de Barcelona



IGNACIO REVUELTA

Nephrologist at Renal Transplant Unit
Hospital Clínic de Barcelona



VICENS TORREGROSA

Nephrologist at Renal Transplant Unit
Hospital Clínic de Barcelona



ALBERTO VILLAMOR

Night Shift General Nurse Manager
Hospital Clínic de Barcelona

ASSESSMENT

The Master's program guarantees a continuous assessment to ensure participants acquire an excellent level of contents' understanding. Every module will be graded through virtual campus activities with the support of tutors and experts. There will be a quiz after each topic and a Final Evaluation Test at the end of each module. Please note that 80% attendance to live sessions is compulsory.

ACADEMIC QUALIFICATION



This course is awarded a **60 ECTS** Master's degree diploma. The diploma awarded is a Universitat de Barcelona – specific degree issued under Article 34 of the Organic Law on Universities.

PRE-ENROLLMENT

In order to apply, submit your application form, CV and a motivation letter through our website. To be eligible for admission you must have a Bachelor's degree or an equivalent first academic degree from an internationally recognized university.

Enroll here!

ESOT® Leading the way in transplantation

This Master's degree is endorsed by ESOT

ENROLLMENT AND FEE



8100 €
(135 € per ECTS credit)



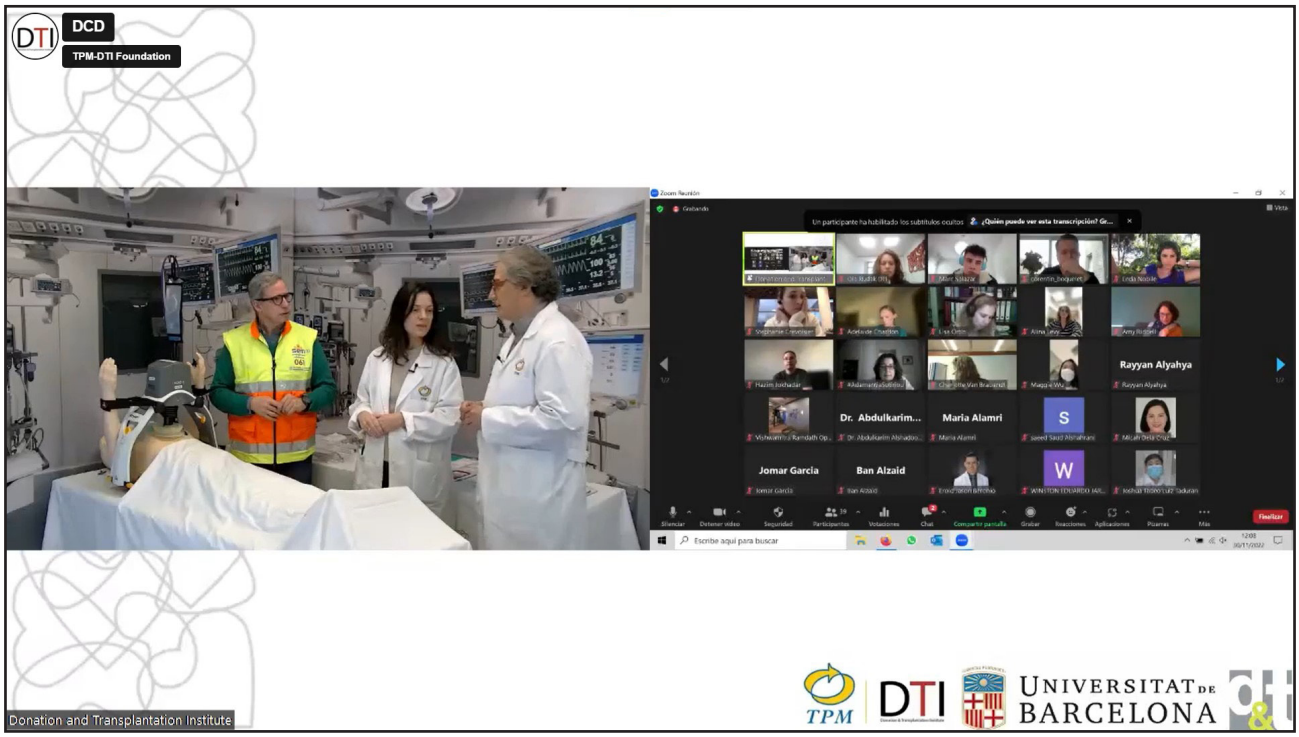
Optional face-to-face observership: 600 euros/ week (minimum of 2 weeks)

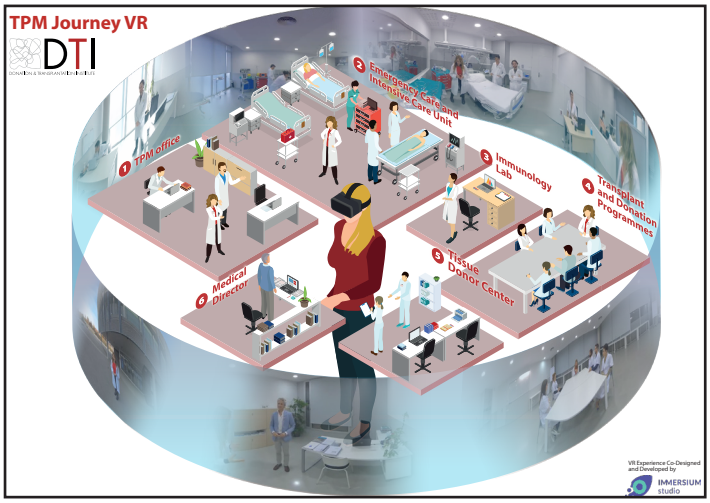
The fee includes:

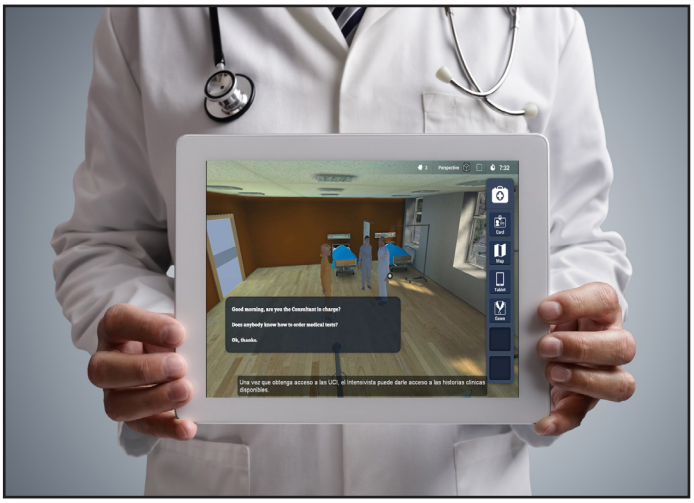
- *Official registration*
- *Learning material*
- *Academic tuition throughout the course*

Travel and lodging for attending the face-to-face parts of the program are not included.

*5% discount for applicants from low-income countries (according to the list of LDCs of United Nations)







SUPPORTING ORGANIZATIONS

DONATION & TRANSPLANTATION INSTITUTE

Donation and Transplantation Institute

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