

International on-line tissue banking course

A new age of biotechnology, genetic engineering, regenerative medicine and important breakthroughs in medical procedures and research (such as the wide spread use of human tissue) is dawning. It is essential for tissue-banking professionals to become involved in the evolution of these changes.

Tissue banking procedures require a wide range of knowledge and skills in order to assure the efficiency of tissue supply, processing and storage, and to ensure that standard operating procedures are maintained throughout the entire process.

The extended use of the Internet has made e-learning a reality. Now it offers this modality of ongoing education to the international community of tissue banks and tissue transplantation. IL3 – Universitat de Barcelona is experienced in both face-to-face and long distance teaching. Its acknowledged worldwide prestige guarantees that this new challenge will be successfully reached.

IN COLLABORATION WITH

- American Association of Tissue Banks (AATB)
- Asia Pacific Association of Surgical Tissue Banking (APASTB)
- Asociación Española de Bancos de Tejidos (AEBT)
- British Association for Tissue Banking (BATB)
- European Association of Tissue Banks (EATB)
- Japanese Society for Tissue Transplantation (JSTT)
- Latin American Association of Tissue Banking (ALaBaT)
- Organització Catalana de Trasplantaments (OCATT)
- Organización Nacional de Trasplantes (ONT)

HOW TO REGISTER

You can register through our website or e-mail.

Registration is limited to 50 students.

Further editions of the course will depend on the number of applications.

MINIMUM REQUIREMENTS TO ENROL AN ON-LINE COURSE

- Processor 800 MHz Pentium 4 (PC) / Processor G4 1GHz (Macintosh)
- 256 MB RAM
- Microsoft Internet 6 Explorer (PC) or Mozilla Firefox 1.5 Browsers (PC / Macintosh)
- Cookies activated

RECOMMENDED SOFTWARE (you will find the links to download this software in the course classroom):

- Adobe Flash 8
- QuickTime 7.0
- Adobe Acrobat 6 Reader
- JavaScript
- Java Plug-in



Transplant Procurement Management

TPM PROJECT

Transplant Procurement Management
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Universitat de Barcelona

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Institute for LifeLong Learning
Universitat de Barcelona

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Institute for LifeLong Learning
Institut de Formació Continua
Instituto de Formación Continua
Universitat de Barcelona



Transplant Procurement Management

OBJECTIVES

- To respond to a growing demand of health care professionals for continuing education related to the generation of tissues and cells for transplant purposes.
- To develop a dynamic tissue banking network as a meeting point for all participants.
- To establish a point of reference for on-line training, adapted to the current needs of the transplantation society.

EDUCATIONAL METHOD

The learning method used in the course is highly interactive. The use of the Internet as the basic transmission channel of knowledge allows more students to take part. Barriers in time and space are overcome, facilitating individualized and interactive contact between all members of the virtual community.

The course develops a core structure with factual information based on written materials and audiovisual support, promoting learning by standing key concepts out.

Contents are structured in modules for a better association and assimilation of concepts. General debates through the Internet help the participants to know different points of view and check their own knowledge.

ADDRESSED TO

The course aims to respond the present and future needs of health professionals included in the tissue procurement and tissue banking technical staff who wish to improve their knowledge and skills in the ever changing world of tissue banking and tissue transplantation.

ACADEMIC QUALIFICATION

IL3 – Universitat de Barcelona will issue a Certificate of Achievement to participants enrolled in the course.

CONTENTS

- Tissue donor detection and selection criteria
- Ethical and regulatory issues in tissue banking
- Quality assurance and quality control
- Tissue banking general organisation
- Sterilization of tissue grafts
- Eye banking
- Vascular banking
- Musculoskeletal banking
- Skin banking
- Human amnion banking
- Stem cells and cord blood banking
- Gamete banking
- Tissue living donation
- Cellular therapy and regenerative medicine
- Pancreas islets
- Liver cell transplants

FACULTY

TPM E-learning faculty staff is made up of professors and university teachers who are experts in the field. They are also the authors of the course contents. A trained team of tutors closely support students throughout the learning process attending the students' needs through the electronic mail in real time.

LENGTH AND DATES

40 academic hours (2 months). Issued yearly from April to June.

LANGUAGE

The official language of the course is English.

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