

Management Concepts in Transfusion Medicine

Code: 43320
ECTS Credits: 6

Degree	Type	Year	Semester
4314643 Transfusion Medicine and Advanced Cell Therapies	OB	0	2

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

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Use of Languages

Principal working language: english (eng)

Other comments on languages

The working language will be English, but it will be possible to communicate in Spanish. The subject material will also be in English.

Teachers

Joan Garcia López

Prerequisites

Level B2 or equivalent in English.

Objectives and Contextualisation

This final module looks at aspects of management in relation to blood and tissue banks. It is divided into the management of the quality control system, leadership strategies and communication policies within the organisation. The general objective of the module is to gain a better understanding of the organisation.

Competences

- Communicate and justify conclusions clearly and unambiguously to both specialist and non-specialist audiences.
- Continue the learning process, to a large extent autonomously.
- Demonstrate a global vision of the management of blood and tissue banks and other cell-therapy organisations.
- Design and develop research using appropriate methodologies.
- Integrate knowledge and use it to make judgements in complex situations, with incomplete information, while keeping in mind social and ethical responsibilities.
- Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
- Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
- Work in multidisciplinary teams.

Learning Outcomes

1. Apply tools for analysis, diagnosis and decision making in the field of strategic planning.
2. Communicate and justify conclusions clearly and unambiguously to both specialist and non-specialist audiences.
3. Continue the learning process, to a large extent autonomously.
4. Describe the general concepts of biobank structure and management.
5. Design and develop research using appropriate methodologies.
6. Integrate knowledge and use it to make judgements in complex situations, with incomplete information, while keeping in mind social and ethical responsibilities.
7. Solve problems in new or little-known situations within broader (or multidisciplinary) contexts related to the field of study.
8. Understand the distinct quality-management systems.
9. Understand the phases and patterns of the strategic-planning process.
10. Use acquired knowledge as a basis for originality in the application of ideas, often in a research context.
11. Work in multidisciplinary teams.

Content

1. Health systems.
2. Strategic planning.
3. Finance and accounting.
4. People management. Leadership.
5. Marketing.
6. Quality management.
7. Environment and corporate responsibility.
8. ICT management.

Methodology

The methodology for this course is active and constructive. It does not only contemplate the content but also reading, reflecting and applying knowledge to reasonably close situation to create meaningful learning.

Students will work on real life examples and case studies, reflecting on complex and relatively unstructured situations to find adequate solutions.

Faithful to the proposed methodology, students form the centre of the learning process and generate knowledge by interacting significantly with their peers, with the teaching materials and with the environment. This programme not only teaches training in a virtual environment but also allows them to experience their learning every day.

At the beginning of the unit, the teacher will present a learning plan to the group with specific objectives, learning activities, the necessary resources and recommended deadlines for each activity.

The dates for carrying out the activities are recommended in order to be able to follow the course. The only fixed dates are the beginning and end of each teaching unit. This means that students can do their own planning but they must respect the dates for the beginning and the end of each unit.

Students are recommended to work in a continuous and consistent manner and not allow tasks to accumulate around the deadlines, which may lead to haste, undue time pressure and not allow the students to enjoy their learning or carry out additional reflections. Also the course offers group activities which require synchronisation among the group.

Some of the activities must be send online to the teacher for assessment and receive feedback of progress. Teachers will return the work with comments and together the students can continue to think and learn. The deadline for each of these activities is the end of the teaching unit. Other activities will consist in discussion and working together in shared spaces.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Discussions in the Virtual Campus	25	1	1, 9, 8, 4, 5, 6, 7, 2, 3, 10, 11
Type: Supervised			
Elaboration of projects	20	0.8	1, 9, 8, 5, 6, 7, 2, 3, 10, 11
Virtual cases/Problem solving	20	0.8	1, 9, 8, 4, 5, 6, 7, 2, 3, 10, 11
Type: Autonomous			
Personal study	10	0.4	1, 8, 5, 6, 7, 2, 3, 10, 11
Reading articles/Reports of interest/Videos	10	0.4	1, 9, 8, 5, 6, 7, 2, 3, 10, 11
Test/Scheme	10	0.4	9, 8, 5, 6, 7, 2, 3, 10, 11

Assessment

This module will be assess on the following activities:

1. Debate to identify the basic characteristics of a health system.
2. Case study: *clear blood*. This counts for 16% of the grade.
3. Exercise. This counts for 20% of the grade.
4. Practical case. This counts for 16% of the grade.
5. Discussion forum and practical case. This counts for 16% of the grade.
6. Discussion forum and practical case. This counts for 16% of the grade.
7. Discussion forum. This counts for 16% of the grade.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Exercise	20%	15	0.6	1, 5, 6, 7, 2, 3, 10, 11

Forum discussion	16%	10	0.4	1, 9, 8, 5, 6, 7, 2, 3, 10, 11
Practic case	16%	10	0.4	8, 5, 6, 7, 2, 3, 10, 11
Practic case	16%	10	0.4	1, 9, 4, 5, 6, 7, 2, 3, 10, 11
Study case clear blood	16%	10	0.4	9, 5, 6, 7, 2, 3, 10, 11

Bibliography

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