

68421 - Introduction to microsurgery research

Información del Plan Docente

Academic Year	2017/18
Faculty / School	104 - Facultad de Medicina
Degree	353 - Master's in Introduction to Medical Research 530 - Master's in Introduction to Medical Research
ECTS	5.0
Year	---
Semester	Indeterminate
Subject Type	Optional
Module	---

1.General information

1.1.Introduction

1.2.Recommendations to take this course

1.3.Context and importance of this course in the degree

1.4.Activities and key dates

2.Learning goals

2.1.Learning goals

2.2.Importance of learning goals

3.Aims of the course and competences

3.1.Aims of the course

3.2.Competences

4.Assessment (1st and 2nd call)

4.1.Assessment tasks (description of tasks, marking system and assessment criteria)

5.Methodology, learning tasks, syllabus and resources

5.1.Methodological overview

5.2.Learning tasks

5.3.Syllabus

The course will address the following topics:

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Section 1. BASIC MICROSURGERY

- The Microsurgical microscope
- Microsurgical instruments
- Basic techniques of microsurgical dissection and point
- Determinant factors of animal experimentation. Legislation, handling conditions, stabling and sacrifice
- The needle and management

Section 2. SPECIAL MICROSURGERY

- Musculotendinous basic surgery
- Tendon suture
- Concept pull-out
- Basic Joint Surgery
- Synovial suture
- Human gynecological microsurgery in animal models and practical applications in human pathology
- Transplants. experimental applications
- Types of flaps used in oral and maxillofacial surgery
- Choosing vessels
- Ophthalmological microsurgery

5.4.Course planning and calendar

Timetable

- WEDNESDAY: 8, 15, 22, 29 March. 5, 19, 26 April. 2 May.

Further information concerning the timetable, classroom, assessment dates and other details regarding this course, will be provided on the first day of class or please refer to the Faculty of Medicine <https://medicina.unizar.es/>.

5.5.Bibliography and recommended resources