COURSE SYLLABUS

Medical Statistics For Clinical Research: Advanced Topics

2122-5-H4101D352

Aims

The aim of the course is to provide the student with familiarity with the principles of descriptive medical statistics together with elements of medical statistics useful for a correct understanding of the results of a scientific study.

Contents

Planning of a study protocol and critical analysis of some examples

Detailed program

Planning a study protocol: discussion of the critical aspects in the design and analysis

Critical analysis of studies presenting quantitative data and regression models

Critical analysis of studies presenting qualitative data and contingency tables

Survival analysis methods: description, inference and regression models

Prerequisites

5th year student of the Master Course of Medicine and Surgery. The prerequisites are those foreseen by the didactic regulations of the CdS

Teaching form

Lessons will be provided in presence, subject to any ministerial changes following the COVID pandemic situation

Textbook and teaching resource

The teaching resourse will be indicated at the beginning of the course

Semester

Second semester, June

Assessment method

Interactive verification at the course conclusion in order to ensure the learning of the take-home messages.

Office hours

By appointment