UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Approfondimenti di Statistica Medica per la Ricerca Clinica

1819-5-H4101D248

Aims

Extend the methodological and statistical knowledge through the critical assessment of clinical protocols and scientific papers.

Contents

The most relevant features in the design of a clinical trial and the methodological key points that guide the set-up of a study protocol will

be addressed.

Measures of treatment effect will be described with the inferential procedures to test treatment effects (or prognostic factors) discussing the difference between statistical significance and clinical relevance. Methods that deal with the analysis of contingency tables and regression models

will also be explained. The main principles and methods will be illustrated and further elaborated based on examples from the scientific literature.

Detailed program

Prerequisites

5th year Medical School and over; 2nd year of Nursing and Midwifery Studies

Teaching form

Lectures

The course consists of four 2-hour long seminars.

Textbook and teaching resource

Semester

Assessment method

Discussion during the lectures

Office hours