



UNIVERSITÀ  
DEGLI STUDI DI MILANO-BICOCCA

## COURSE SYLLABUS

### Midwifery, Gynaecological and Neonatal Research

2122-2-I0102D012

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#### Aims

By the end of the course, the student will know:

- how to make a search query and how to find, to understand and to analyze critically scientific literature
- how to collect, to order and to analyze data from professional context.

#### Contents

The course provides fundamentals of midwifery research process.

It also provides basic knowledges about health data collection and analysis.

#### Detailed program

MED 47 MIDWIFERY RESEARCH: The bibliographic research and how to quote references. Differences between quantitative and qualitative research. Various types of study designs. Critical evaluation of a scientific paper. Planning a scientific research. The PICO method. The Ethics Committee. Spread of knowledge.

MED 01 STATISTICS FOR RESEARCH: Collecting, measuring and analyzing data. Hints of probability assessment. The Gaussian distribution. Sampling and statistical inference. Introduction to evaluation and hypothesis testing. Drafting a questionnaire. Building up a database.

## **Prerequisites**

None

## **Teaching form**

Lectures, practice exercises and group works.

## **Textbook and teaching resource**

Rees Colin. Introduction to research for Midwives. Churchill Livingstone Elsevier, 2011, 3ed.

Fowler J, Jarvis P, Chevannes, Statistica per le professioni sanitarie , Edises 2006.

Siu Caroll and Camerasamy Huguette, Doing a Research Project in Nursing & Midwifery. A basic guide to research using the Literature review Methodology, Sage, 2013.

David Silverman. Come fare ricerca qualitativa. Una guida pratica. 2002, Carocci Editore

Spiby H, Munro J. Evidence based midwifery. Application in context. Wiley-blackwell, 2010.

Loai Albarqouni, Tammy Hoffmann, Sharon Straus, Nina Rydland Olsen, Taryn Young, Dragan Ilic, Terrence Shaneyfelt, R. Brian Haynes, Gordon Guyatt, Paul Glasziou. Evidence-based Practice: le competenze core per tutti i professionisti sanitari. Evidence 2019

## **Semester**

Il semester

## **Assessment method**

Written exam with multiple choice test with only one correct answer and questions with brief answers. Oral exam

## **Office hours**

On appointment

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