UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Research Methodology

2021-2-I0101D012-I0101D041M

Aims

General goals: students will be able to understand the meaning and purpose of research in nursing, describe the role of nurses to produce a contribute to the research in a scientific context.

Intermediate goals:

A. Identify the general aspects of scientific research and nursing;

B. know the “Evidence Based Practice (EBP)” and the relationships with the clinical practice;

C. Be familiar with the methodological bases of research;

D. Obtain the fundamentals of the bibliographic research;

E. Know the features of relevant scientific literature.

Contents

The course aims to give elements to provide nursing to patients undergoing to surgical interventions in different fields: Thoracic, Gynecological, Heart, Vascular, Abdominal Surgery, Urology, Neurosurgery, Otorhinolaryngology, Bariatric Surgery, Vulnology, Maxillo-facial surgery

It also provides the theoretical basics for the research in a scientific field by consulting biomedical literature.

Detailed program

General Definition: basic and applied research. The research in nursing: goals. Nursing education and research skills. The quantitative and qualitative research. The research process and Evidence Based Practice process. The tools for data collection. Drawings of quantitative research and the grading of the evidence. The different editorial products. Analysis of scientific publications. Critical reading of an scientific article.

Prerequisites

Defined by the academic regulations.

Teaching form

Lectures using presentations in electronic format. Teledidactics.
In the Covid-19 emergency period the lessons will be held in mixed mode: partial presence and video-recorded asynchronous/synchronous lessons.

Textbook and teaching resource

Sironi C. (2010) Introduzione alla ricerca infermieristica. I fondamenti teorici e gli elementi di base per comprenderla nella realtà italiana, Milano: CEA; Casati M. (1999) Ricerca infermieristica e documentazione assistenziale. In: Casati M. La documentazione infermieristica, II ed., Milano: McGraw-Hill, pp.173-226.

Semester

2nd Year, 2nd Semester

Assessment method

Written examination:

20 closed quiz with multiple choice answer (GENERAL SURGERY 2)

8 closed quiz with multiple choice answer (RESEARCH METHODOLOGY)

2 open ended questions GENERAL SURGERY 2

2 open ended questions RESEARCH METHODOLOGY

Oral examination:

Interview on topics of SURGICAL SPECIALTY NURSING

In the Covid-19 emergency period, oral exams will be telematics only. They will be conducted using the WebEx platform and the e-learning page of the teaching will contain a public link to access the exam for possible virtual viewers. The use of proctoring technologies will also be possible.

Office hours

On appointment