



BSC IN MIDWIFERY

TEACHING: SEMINAR ACTIVITIES – 3RD YEAR

SSD: MEDS-24/C

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Credits: 2

PREREQUISITES

None required.

LEARNING OBJECTIVES

The third-year seminar activities aim to provide students with theoretical knowledge and applied skills related to female fertility and the course of pregnancy.

In addition, the seminars will also address midwifery care during both normal (eutocic) and complicated (dystocic) labor and delivery.

EXPECTED LEARNING OUTCOMES

The expected learning outcomes are consistent with the Bologna Process's instructions (or regulations) and the Directive 2005/36/EC. They are in the European Qualifications Framework (Dublin Descriptors) as follow:

At the end of the course, the student will be able to:

Knowledge and Understanding

- describe the main pathophysiological mechanisms underlying female infertility, along with strategies for prevention and management;
- recognize the role of HPV infection in pregnancy and its possible maternal-fetal implications;
- identify the clinical, diagnostic, and therapeutic features of uterine fibromatosis and polycystic ovary syndrome (PCOS), with reference to their reproductive consequences;
- analyze the relationship between thyroid function, fertility, and pregnancy, understanding the importance of screening and early treatment of thyroid dysfunctions;
- assess the role of diet and nutritional supplementation in promoting reproductive health and supporting physiological pregnancy;
- describe evidence-based midwifery practices in the delivery room and their application to labor and childbirth management;
- describe the clinical principles guiding the interpretation of cardiotocography as a decision-making tool;

- describe the main obstetric emergency scenarios, early recognition protocols, and strategies for timely and effective intervention;
- describe the criteria of obstetric triage and standardized procedures for the prevention and management of clinical risk.

Ability to Apply Knowledge and Understanding

- apply the acquired knowledge to guide professional practice from a preventive, educational, and supportive perspective aimed at promoting women's health
- use obstetric tools, methods, language, and conventions to verify and communicate ideas and explanations

Communication Skills

- understand and recognize the technical and scientific terminology used in the field of obstetrics and gynaecology
- correctly interpret the clinical language related to the topics covered

Autonomy of Judgment

- critically analyse scientific evidence and clinical information related to the topics covered
- apply evidence-based recommendations to support clinical decision-making in midwifery care

Learning Skills

- activate independent deepening paths by consulting scientific literature, outreach materials related to perinatal mourning, and obstetric and gynecological texts

PROGRAM

- Female infertility (Prof. Unfer)
- HPV and pregnancy (Prof. Unfer)
- Uterine fibromyomatosis (Prof. Unfer)
- PCOS (Prof. Unfer)
- Role of nutrition and integration in pregnancy (Prof. Unfer)
- Thyroid fertility and pregnancy (Prof. Unfer)
- From theory to the delivery room: practices and strategies for effective care (Prof. Giorgini)
- From tracing to decision: Cardiotocography as a clinical guide (Prof. Giorgini)
- Obstetric Emergencies: from early recognition to effective intervention (Prof. Giorgini)
- Standardizing to protect: risk management through triage (Prof. Giorgini)

TEACHING METHODS

The course consists of 28 hours of seminar activities, including group works, and interactive teaching activities.

ASSESSMENT METHODS

Learning will be assessed through a written multiple-choice test designed to evaluate the achievement of the intended learning outcomes and the educational objectives.

Assessment will be based on the following criteria:

FAIL	Fragmentary or superficial knowledge of the course content, difficulty in identifying the fundamental concepts, and inability to apply acquired knowledge to the proposed questions
PASS	Adequate knowledge of the course content, correct understanding of the main theoretical concepts, and ability to apply acquired knowledge to the proposed questions.

SUPPORT ACTIVITIES

None.

RECOMMENDED TEXTBOOKS AND BIBLIOGRAPHY

Study material provided by the professors.