



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Anatomy and Physiology of The Human Reproduction

1920-2-I0102D903

Aims

At the end of the course the student will know the female genital tract anatomy and the human procreative process. The student will also know the embryonic development and the anatomy and physiology of the placental organ.

Contents

The course provides to the student the fundamentals of anatomy and physiology of the female genital tract, of the human reproductive function, knowledge about the fertility and procreative process, from fertilization to embryonic development. The course provides to the student the anatomy and physiology of the placental organ.

Detailed program

MED.40 GENITAL TRACT ANATOMY: female and male genital tract anatomy. **MED.40 HUMAN REPRODUCTION:** human reproductive function. The sterility. Medically assisted procreation. Conception, embryonic development and human fetal development. **FERTILITY AND PROCREATION:** Female sexual neurophysiology: normality and dysfunction. Natural fertility regulation. "Lactational Amenorrhea Method" (LAM). Midwifery counseling in the family planning and in case of fertility problems. **MED.03 GENETICS:** and prenatal diagnosis. Genetic causes for poliabortivity/sterility.

Prerequisites

none

Teaching form

Lectures, practice exercises and group work.

Textbook and teaching resource

LADEWIG-LONDON-DAVIDSON, Assistenza alla maternità, ed it a cura di Guana-Grassi, Piccin 2012.

PAIRMAN, TRACY, THOROGOOD PINCOMBE. Midwifery. Preparation for practice, Elsevier, 2015, 3rd edition . E-book.

COCHARD LARRY R., Atlante di embriologia umana, Netter, ed. Masson, 2006.

COAD JANE (with Melvyn Dunstall), Anatomy and Phisiology for Midwives, Mosby 2011. 3^ edizione.

CARLINO D., DE VANNA M., Del Pu L. Principi di sessuologia clinica, SEU, 2011.

BARBATO M. La regolazione naturale della fertilità – Scienza, cultura ed esperienza. CODIT.

NERI G., GENUARDI M., Genetica umana e medica, 3°ed, Masson.

Semester

I semester

Assessment method

Written exam with multiple choise test with only one correct answer and oral exam

Office hours

On appointment
