Reproduction and Sexuality (D000765)

Course Specifications
From the academic year 2017-2018 up to and including the

Course

Lecturers in academic year 2018-2019

D’Herde, Katharina
GE05 lecturer-in-charge

De Sutter, Petra
GE04 co-lecturer

Heylens, Gunter
GE13 co-lecturer

Roelens, Kristien
GE04 co-lecturer

Offered in the following programmes in 2018-2019

Bachelor of Science in Medicine

Teaching languages

Dutch

Keywords

reproduction, sexuality, ethics, pregnancy, sexology

Position of the course

To provide knowledge about the reproductive system in the healthy person and aspects linked to it, as a base for pathology in the future training

Contents

Anatomy and topography of the reproductive organs.
Embryology: development of the genital system, embryology of the mammary gland.
Physiology: normal evolution of the male and female sexual glands, the normal reproduction function of the male and female genital system, the structure, functioning, secretion of hypophyseal and ovarian hormones.
Histology of female and male genital system.
Individual and social aspects of sexual behaviour with gender identity, psychophysiology of human sexuality.
Contraception.
Normal pregnancy, development of the foetus and placenta. Delivery and postpartum: physiological adaptation mechanisms, ultrasound and techniques of prenatal diagnosis, normal delivery, breastfeeding, exogenous influences on pregnancy and social aspects of pregnancy.
Ethical, moral and cultural aspects of reproduction and sexuality.
AIDS-panel

Initial competences

‘The Cell: Fundamental concepts, structure and function II’, ‘The Cell: Molecular Biology and Genetics’ year 1 and ‘Gastrointestinal System, Endocrine Glands, Metabolism’ year 2

(Approved)
Final competences
1. To integrate insights in development, structure and function of the genital system and the breast.
2. Reflect ethically about sexuality, reproduction and contraception.
3. To describe and explain the normal course of pregnancy.
4. To recognize the structures of the genital system and the breast on medical imaging.
5. To recognize, name and identify the structures of the genital system and the breast on histological and anatomical figures.
6. Analyse clinical cases concerning the genital system and solve it.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract
This course unit cannot be taken via an exam contract

Teaching methods
Demonstration, lecture, integration seminar, PDE tutorial, practicum, seminar, lecture: response lecture

Extra information on the teaching methods
- panel discussions
- Lectures
- Practicum histology: Home study and response lecture (virtual microscopy)
- Practicum anatomy: Studying prosection specimens under supervision of academic staff.

Learning materials and price
Syllabi:
- D'HERDE, Embryology and anatomy: Reproduction and sexuality. Text and Figures, Acco

A-books:

Histology:
- Course notes on Minerva; Powerpoint presentations with figures and histological photos (Minerva); notes (Minerva) and virtual pictures of histological slides on Athena (OlyVIA)

Additional didactical data (illustrations, slides,...) are made available via the digital teaching platform (minerva.ugent.be)

References
B-book:
- TREFFERS. Obstetrics and gynaecology.

Course content-related study coaching
Course coordinator: Prof. dr. P. Hoebeke
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Lecturer: Prof. dr. K. D'Herde
tel. 09/332.92.27
e-mail: katharina.dherde@ugent.be

Evaluation methods
end-of-term evaluation and continuous assessment

Examination methods in case of periodic evaluation during the first examination period
Written examination with open questions, written examination with multiple choice questions

Examination methods in case of periodic evaluation during the second examination period

(Approved)
Written examination with open questions, written examination with multiple choice questions

Examination methods in case of permanent evaluation

Participation

Possibilities of retake in case of permanent evaluation

examination during the second examination period is not possible

Extra information on the examination methods

radiological images (on PC)

Calculation of the examination mark

The weighing of the different parts is in proportion to the contact time in the course. The standard setting is applied for the multiple choice questions.

In this course, there are 3 partims.

1. partim anatomy, histology en embryology 35%,
2. partim obstetrics 25%,
3. partim physiology and others 40%

How to determinate the final result?

* If the student obtains for each partim at least 50 %: the final result is the arithmetic mean of these 3 partims;

* If the student doesn't obtain for each partim at least 50 %:
  • Situation 1: the number of points less than 10 /20 = 1 or 2, the final result is the arithmetic mean of these 3 partims
  • Situation 2: the number of points less than 10/20 > 2, the final result is reduced by a number y;
    Number y: the sum of points less than 10/20 reduced by 2

To pass, the student has to attend the PC examination of Radiology.