



وحدة ضمان الجودة

الخطة الاستراتيجية ٢٠١٧/٢٠١٨



جامعة أسوان - كلية الطب

HISTOLOGY II

COURSE SPECIFICATION

2017/2018

University: Aswan

Faculty: Medicine

Department: Department of Histology

1- basic course information

- Course title: Histology 2
- Code: Amed04
- Academic year / Level: second year
- Programme(s) on which the course is given: M.B.B.Ch. program
- Department offering the course: Department of Histology
- Lecture: 60 hours
- Tutorial/practical: 60
- Total : 120 hours

1-Overall aims

By completion of this course, the students are able to:

- Describe the different types of tissues
- Describe the specific characteristic of cell components in relation to the functions of each component
- Have sufficient Knowledge of the structure and function of the body and its major organ systems and of the molecular and cellular mechanisms

2- Intended learning outcomes (ILOs)

A- Knowledge and understanding

By the end of the course, students should be able to:

A1- Describe normal histological structure of various systems (skin, respiratory, digestive, endocrine, urinary, male & female genital, eye & ear)

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A2- Understand the relation between the endocrine system and the structural and functional variations in some other systems, especially male and female reproductive

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- A3- Mention the distinguishing structural features of organs, regions and cell types present in each system and relate the structural variations to differences in organ function
- A4- Have an integrated knowledge regarding histological structure, gross anatomy and physiology.

b- Intellectual skills

By the end of the course, students should be able to:

- B1- Correlate between histological structure & function of different organs of all systems
- B2- Diagnose slides different from those seen during his course but of the same organs previously studied
- B3- Correlate between the blood supply of some organs and their structure and specialized functions

C- Practical and professional skills

By the end of the course, students should be able to:

- C1- Identify and select various types of special stains for various organs
- C2- Identify the structural features and different tissue elements of each organ under the microscope
- C3- Recognize and differentiate between different organs in histological slide seen under the microscope
- C4- Draw and label histological slides seen during the course
- C5- Draw and label diagrams of different levels in the spinal cord & brain stem

D- General skills

By the end of the course, students should be able to:

- D1- Appreciate the importance of life-long learning and show a strong commitment to it
- D2- Use the sources of biomedical information to remain current with advances in knowledge and practice
- D3- Express himself freely, keeping an ethical behavior and improve his capability to describe and discuss
- D4- Accept the sharing of his colleagues in the resources of practical laboratories
- D5- Deal with the instruments and equipments of the department in a responsible manner keeping them intact and clean

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3- Course Contents

| Topic | No. of Hours | Lecture | Tutorial / Practical |
|--------------------------------------|--------------|-----------|----------------------|
| Skin | 8 | 4 | 4 |
| Endocrine system | 12 | 4 | 4 |
| Respiratory system | 8 | 4 | 4 |
| Digestive system | 24 | 10 | 10 |
| Urinary system | 8 | 6 | 4 |
| Male genital system | 8 | 6 | 4 |
| Female genital system | 12 | 8 | 6 |
| The eye | 8 | 6 | 4 |
| The ear | 8 | 4 | 4 |
| The spinal cord and cerebral cortex | 6 | 2 | 4 |
| The medulla oblongata and cerebellum | 6 | 2 | 4 |
| The pones | 6 | 2 | 4 |
| The mid brain | 6 | 2 | 4 |
| Total | 120 | 60 | 60 |

4- Teaching and learning Methods

- 4.1- Lectures
- 4.2- Discussion sessions
- 4.3- Practical sessions to gain practical skills
- 4.4- Practical notebooks for drawing
- 4.5- Monitoring the colored slides.

5- Student assessment Methods

- 5.1- Written exams (short essay and MCQs) to assess (a1-a4, b1-4)
- 5.2- Oral exam to assess (a1-a4, b1-b4)
- 5.3- Practical exam to assess (c1-c7)
- 5.4- Course assignment (practical) book to assess (c1-c7, D1, D2)

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Assessment schedule

Assessment 1: Practical assessment by the end of the 11th week

Assessment 2: Mid-term assessment

Assessment 3: Final practical examination by the end of the 20th week

Assessment 4: Final written examination by the end of the 24th week

Assessment 5: Final oral examination by the end of the 24th week

Assessment 6: Course assignment (practical) book

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Weighting of assessments

| | |
|--|--------------|
| Formative assessment (1, 2 and 6) | 20 % |
| Final-written examination | 50 % |
| • Final oral examination, | |
| • Final practical examination | (30%) |
| • Drawing slides | |
| Total | 100 % |

6- List of references

6.1-Course Notes

Notes on Histology by staff members of Histology Department
Colored Atlas of Histology

6.2- Essential Books (Text Books):

Basic Histology

6.3-Recommended Books:

Fawcett

6.4- Periodicals and Web Sites of histology

7- Facilities required for teaching and learning

7.1- White board

7.2- Overhead projectors

7.3- Microscopes

7.4- Data show power point

**Course coordinators: Prof. Amal Taha Abou- ElGhait, Prof. Ramdan Abdel Hafez
and Prof. Gamal Kamel**

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