

Faculty of Oral & Dental Medicine

General Histology

Information :

Course Code : SGS 251

Level : Undergraduate

Course Hours : 3.00- Hours

Department : Faculty of Oral & Dental Medicine

Instructor Information :

| Title | Name | Office hours |
|--------------------|---------------------------------------|--------------|
| Professor | Maha Baligh Shandy Zickri | 11 |
| Professor | Alyaa Ragaei Hassan Mohamed Mostafa | |
| Professor | Gihan Abdelfattah Abdelaal Omar | |
| Assistant Lecturer | Dina Mahmoud Mohamed Amin | |
| Teaching Assistant | Aya Mahmoud Nasr Hanafi | |
| Teaching Assistant | Sameh Mohamed Ismail Elsayed Elsibaei | |

Area Of Study :

“To teach the students the basic histology structures of different cells and tissues of human body, preparing them for studying organs and systems in the second term & second Year

“Making correlation between function and structure of various tissues and their clinical significance

Description :

Cytology, epithelium and connective tissues. Bone, blood, vascular,lymphatic and digestive systems
Skin and CNS

Course outcomes :

a.Knowledge and Understanding: :

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|-----|--|
| 1 - | Define and describe the histological characteristics of normal cells.. |
| 2 - | Define and compare between different blood cells . |
| 3 - | Define and discuss the basic histological tissues of the body (General histology) and some systems in the second term (Vascular , Lymphatics , & Skin) |

b.Intellectual Skills: :

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|-----|--|
| 1 - | Answer MCQ questions on various parts of the curriculum. |
| 2 - | Correlate between Histological structure & function of any cell or tissue |
| 3 - | Diagnose slides different from those seen during his course but of the same organs or tissues previously studied |

c.Professional and Practical Skills: :

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|-----|--|
| 1 - | Know different cell organelles in projector slides |
| 2 - | Know different blood cells in blood films seen in projector slides |

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|-----|--|
| 3 - | Know different types of epithelium, connective tissue cells, connective tissue proper & bone cells |
| 4 - | Differentiate between different tissues and organs in histological slide seen under the microscope . |

Course Topic And Contents :

| Topic | No. of hours | Lecture | Tutorial / Practical |
|-------------------|---------------------|-------------------|-----------------------------|
| Cytology | 12 | Cytology | Cytology |
| Blood | 8 | Blood | Blood |
| Epithelium | 8 | Epithelium | Epithelium |
| Connective Tissue | 8 | Connective Tissue | Connective Tissue |
| Cartilage | 4 | Cartilage | Cartilage |
| Bone | 8 | Bone | Bone |
| Muscle | 4 | Muscle | Muscle |
| Nervous tissue | 4 | Nervous tissue | Nervous tissue |
| Vascular | 4 | Vascular | Vascular |
| Skin | 4 | Skin | Skin |
| Lymphatic system | 8 | Lymphatic system | Lymphatic system |
| Digestive glands | 8 | Digestive glands | Digestive glands |
| Endocrine | 4 | Endocrine | Endocrine |

Teaching And Learning Methodologies :

Lectures
Practical sections

Course Assessment :

| Methods of assessment | Relative weight % | Week No | Assess What |
|------------------------------|--------------------------|----------------|--|
| 1st Mid Term Exam | 15.00 | | assess knowledge and understanding |
| 2nd Mid Term Exam | 15.00 | | assess knowledge and understanding |
| Final written | 25.00 | | |
| Mid Term practical exam | 20.00 | | assess practical skills in diagnose of different tissues under the microscope and projector slides |
| oral exam | 10.00 | | knowledge and understanding and attitude |
| Practical exam | 15.00 | | assess practical skills in diagnose of different tissues under the microscope and projector slides |

Course Notes :

Department Book available for students to purchase from different bookshops at the faculty

Recommended books :

- ^CD-ROM containing topics in the curriculum provided with photomicrographs of these topics
- ^Basic histology Junqueira, L.C.
- ^Atlas of histology : Di Fiore
- ^Functional Histology (Wheater's) Text & Atlas of histology
- ^Gartner & Hiatt Atlas of Histology
- ^Cormack concise Textbook of Histology

Periodicals :

Web Sites