

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	General Pathology Lab
Course number	DENT3102
Faculty	
Department	
Course type	College Needs
Course level	3
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

#### Course Objectives

1 - understand the histopathological changes related to the inflammation
2 - realize the importance of histopathology in diagnosis
3 - improve the students ability of observation
4 - have a good knowledge of some oral diseases
5 - understand the techniques used in preparation of histopathological slides

#### Intended Learning Outcomes

Knowledge and Understanding	* understand the histopathological changes related to the inflammation
	* understand the techniques used in preparation of histopathological slides
Intellectual Skills	* realize the importance of histopathology in diagnosis
Professional Skills	* have a good knowledge of some oral diseases
General Skill	* improve the students ability of observation

## Course Contents

- 1 - Introduction of pathology
- 2 - Microscopic slides of different types of tissue necrosis
- 3 - Microscopic Slides and gross pathological specimens of different types of acute inflammation cases
- 4 - Microscopic slides and gross pathological specimens of different types of Chronic inflammatory diseases; and Granulation tissues
- 5 - Microscopic slides and gross pathological specimens of different types of - Bacterial infection - Fungal infection - Parasitic infection - Viral infection
- 6 - Microscopic slides and gross pathological specimens of different types of tissue healing and keloid
- 7 - Microscopic slides and gross pathological specimens of different types of Neoplasia (Lipoma, Fibroma, carcinomas, and sarcomas)
- 8 - Microscopic slides and gross pathological specimens of different types of Malignant tumors (breast, lung, GIT, kidney, muscles,....)
- 9 - Microscopic slides and gross pathological specimens of different types of ischemia, congestion, gangrene, edema
- 10 - Microscopic slides and gross pathological specimens of different types of hypersensitivity reactions, auto-immune diseases

## Teaching and Learning Methods

- 1 - power point slides
- 2 - histopathological slides
- 3 - jars
- 4 - educative videos

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
midterm exam	7th week	30
drawing of histological slides	14th week	20
final exam	14th week	50

## Books and References

Course note	general pathology . . . department members
Recommended books	Robbins basic pathology 9th edition

## Knowledge and Skills Matrix

Main Course Contents	Study Week	Knowledge and Understanding	Intellectual Skills	Professional Skills	General Skill
Introduction of pathology	1st week	understand the pathology as a term understand the techniques used in tissue preparation	realize the different components of the histopathological slides	have a good ability in preparation of histopathological slides	improve the students ability of remembering
- Microscopic Slides and gross pathological specimens of different types of acute inflammation cases	2nd week	know the histopathologic picture of chronic inflammation	realize the causes of the histopathological changes related to chronic inflammation	have a good ability in identifying chronic inflammation slides	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of Chronic inflammatory diseases; and Granulation tissues	3rd week	know the histopathologic picture of granulation tissue	realize the causes of the histopathological changes related to granulation tissue	have a good ability in identifying granulation tissue slides	improve the students ability of observation
- Microscopic slides of different types of tissue necrosis	4th week	know the histopathologic picture of the different types of necrosis	realize the causes of the histopathological changes related to the different types of necrosis	have a good ability in identifying the different types of necrosis slides	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of - Bacterial infection - Fungal infection - Parasitic infection - Viral infection	5th , 6th week	know the histopathologic picture of the different types of Bacterial infection - Fungal infection - Parasitic infection - Viral infection	realize the causes of the histopathological changes related to the different types of Bacterial infection - Fungal infection - Parasitic infection - Viral infection	have a good ability in identifying the different types of Bacterial infection - Fungal infection - Parasitic infection - Viral infection	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of tissue healing and keloid	8th week	know the histopathologic picture of the different types of tissue healing and keloid	realize the causes of the histopathological changes related to the different types of tissue healing and keloid	have a good ability in identifying the different types of tissue healing and keloid	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of Neoplasia (Lipoma, Fibroma, carcinomas, and sarcomas)	9th , 10th weeks	know the histopathologic picture of the different types of Neoplasia (Lipoma, Fibroma, carcinomas, and sarcomas)	realize the causes of the histopathological changes related to the different types of Neoplasia (Lipoma, Fibroma, carcinomas, and sarcomas)	have a good ability in identifying the different types of Neoplasia (Lipoma, Fibroma, carcinomas, and sarcomas)	improve the students ability of observation

Microscopic slides and gross pathological specimens of different types of Malignant tumors (breast, lung, GIT, kidney, muscles,...)	11th week	know the histopathologic picture of the different types of Malignant tumors (breast, lung, GIT, kidney, muscles	realize the causes of the histopathological changes related to the different types of of Malignant tumors (breast, lung, GIT, kidney, muscles	have a good ability in identifying the different types of Malignant tumors (breast, lung, GIT, kidney, muscles	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of ischemia, congestion, gangrene, edema	12th week	know the histopathologic picture of different types of ischemia, congestion, gangrene, edema	realize the causes of the histopathological changes related to the different types of ischemia, congestion, gangrene, edema	have a good ability in identifying the different types of ischemia, congestion, gangrene, edema	improve the students ability of observation
Microscopic slides and gross pathological specimens of different types of hypersensitivity reactions, auto-immune diseases	13th week	know the histopathologic picture of different types of hypersensitivity reactions, auto-immune diseases	realize the causes of the histopathological changes related to the different types of hypersensitivity reactions, auto-immune diseases	have a good ability in identifying the different types hypersensitivity reactions, auto-immune diseases	improve the students ability of observation