

Course Description Template for the subject | **Medical parasitology**

University/College Name	AUIQ/ College of Medicine
Subject Name	Medical parasitology
Academic Stage	Third Stage
Available Attendance Modes	Lecture and Discussion
Subject System	Yearly
Academic Year for Preparing this Description"	2023-2022

Parasitology curriculum

60 Hours Theory (2 Hours/ 30 Weeks)

60 Hours Practical (2 Hours/ 30 Weeks)..

Objectives:

The objective of this course is to learn about the general characteristics, properties and life cycles of different kinds of parasites which infected human. Also, it includes an overview of the most important anti-parasitic drugs used for treatment and the main ways in control and prevention of these diseases.

The primary aim of this course is to make easy for student to understand what are the parasites and how they can characterize and detect the parasitic infection in a way that increase their knowledge in treatment.

Teaching and learning methods:

Lectures, laboratory work.

Assessment: Homework, quizzes, examination, poster and mini-research discussion.

Theoretical Lectures and Practical lectures:

Objectives and description of lectures	Title of lecture	Week
To النظرى understanding of	Introduction of parasitology	1 st week

Define parasite , parasitology , type of parasite , host and type host, parasite transmission , type of parasite sample detection.

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Type of sample and General stool examination .

<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.</p>	<p>Protozoology : Class : sarcodina , Entamoeba histolytica (amoebic dysentery)</p>	<p>2nd week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.</p>	<p>Class : sarcodina, other amoebae</p>	<p>3rd week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.</p>	<p>Class; flagellata : Giardia lamblia and trichomonas species</p>	<p>4th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.</p>	<p>Class; flagellate, leishmaniasp</p>	<p>5th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology,</p>	<p>Class; flagellate, Trypanosoma sp</p>	<p>6th week</p>

diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.		
To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.	Class; ciliata; Balantidium coli With examination for previous lectures	7th week
To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.	Class; sporozoa ; intestinal coccidian	8th week
To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.	Class; sporozoa; toxoplasma sp	9th week
To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي Slide show the parasite different stages with description for each one.	Class; sporozoa; plasmodium sp(malaria)	10th week
To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي	Helminthology : class: trematoda ; Schistosoma sp.	11th week

Slide show the parasite different stages with description for each one.		
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي</p> <p>Slide show the parasite different stages with description for each one.</p>	<p>Helminthology : class: trematoda ; Fasciola sp (liver root)</p>	<p>12th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي</p> <p>Slide show the parasite different stages with description for each one.</p>	<p>Helminthology : class: trematoda ; Fasciolopsis and clonorchis sp</p>	<p>13th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي</p> <p>Slide show the parasite different stages with description for each one.</p>	<p>Helminthology : class: trematoda ; Heterophyes heterophyes , metagonimus sp</p>	<p>14th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي</p> <p>Slide show the parasite different stages with description for each one.</p>	<p>Helminthology : class: trematoda ; Lung fluke ; paragonimus sp.</p>	<p>15th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite. العملي</p> <p>Slide show the parasite different stages with description for each one.</p>	<p>Helminthology : class, cestoda, echinococcus sp (hydatid cyst)</p>	<p>16th week</p>

<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p> <p>العملي</p> <p>Slide show the parasite different stageswith description for each one.</p>	<p>Helminthology : class,cestoda ; taenia sp.</p>	<p>17th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p> <p>العملي</p> <p>Slide show the parasite different stageswith description for each one.</p>	<p>Helminthology : class; cestoda , H.nana and dipylidium sp , D. latum</p>	<p>18th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p> <p>العملي</p> <p>Slide show the parasite different stageswith description for each one.</p>	<p>Helminthology : class,nematode , Intestinal species, Ascarislumricoides.</p>	<p>19th week</p>
<p>To understanding of Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p> <p>العملي</p> <p>Slide show the parasite different stageswith description for each one.</p>	<p>Helminthology : class,nematode , Intestinal species; Enterubiusand Trichuris sp.</p>	<p>20th week</p>
<p>Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p> <p>العملي</p> <p>Slide show the parasite different stageswith description for each one.</p>	<p>Helminthology : class,nematode , Intestinal species, hookworm</p>	<p>21th week</p>
<p>Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control ofparasite.</p>	<p>Helminthology : class,nematode , Tissue species; wuchereria sp and onchocerca volvolus .</p>	<p>22th week</p>

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Slide show the parasite different stages with description for each one.

Explain the morphology , life cycle ,route of transmission , pathology, diagnosis, prevention and control of parasite.

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Slide show the parasite different stages with description for each one.

Entomology , insect or ectoparasite, scabei and lice

23th week