



Educational Deputy of Ahvaz University of Medical Sciences
Center Of Studies and Development of Medical Education

دانشگاه علوم پزشکی و خدمات بهداشتی، درمانی جندی شاپور اهواز

Course Identification and Course Unit Schedule

Student Form

Course Title: Medical parasitology		Field And Level Of Study: general medicen		Faculty: medicen	
Course Code:					
Academic Year: Second semester		Prerequisite: -		Number Of Units: 2	
Academic Year: 1404-1405		Unit Distribution: 1.5 theoretical units and 0.5 practical units			
Group Of Instructors: Day And Time Of Class: Two hours a week/ Every saturday					
Responsible Instructor: Dr. Haddad Email: hfeizhaddad@ajums.ac.ir Days Available In Office: every day					
General Objectives Of The Course: To provide a comprehensive understanding of the basic principles of medical parasitology, including the diagnosis, clinical manifestations, treatment, and prevention of parasites of medical importance.					
Specific Objectives: To enable students to identify medically important parasites, understand their life cycles and modes of transmission, recognize relevant clinical features, their associated pathogenic mechanisms, and apply basic diagnostic, preventive, and control principles in medical practice.					
Course Description: This course introduces the basic principles of medical parasitology, with emphasis on the identification, life cycles, clinical significance, diagnosis, treatment, and prevention of human parasitic infections.					
Session	Data	Main Topics (Expected Concepts To Be Taught)	Learner Activities	Teaching Method	Instructor Name
1	Two hours a week, Every Saturday	General parasitology, General Termatoda, Fasciola hepatica, Fasciola gigantica	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Haddad
2	Two hours a week, Every Saturday	Dicrocoelium, Clonorchis, Opisthorchis, Heterophyes, Paragonimus, Metagonimus	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Haddad
3	Two hours a week, Every Saturday	Fasciolopsis, Schistosomes	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Haddad
4	Two hours a week, Every Saturday	General of Cestoda, Taenia saginata Taenia solium, Hymenolepis nana, Diminuta	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Haddad

5	Two hours a week, Every Saturday	Echinococcus spp., multiceps, Dipylidium caninum, Diphylobothrium latum, Sparganosis	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
6	Two hours a week, Every Saturday	Nematodes, Ascaris, Trichuris, Enterobius, Strongyloides stercoralis, Trichostrongylus	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
7	Two hours a week, Every Saturday	Hookworms, Trichuris, Draconculus, Capillaria Philippinensis and Hepatica	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
8	Two hours a week, Every Saturday	Diectophyma renale, Filaria (Brugia, Angiostrongylus, Wuchereria, Loa loa, Onchocerca, Dirofilaria), Larva migrants	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
9	Two hours a week, Every Saturday	Protozoan generalities, Entamoeba histolytica, Entamoeba coli, hartmani and dispar	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
10	Two hours a week, Every Saturday	Endolimax Nana, Iodamoeba buetschlii, Entamoeba gingivalis, Balantidium coli, free amoeba	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Saki
11	Two hours a week, Every Saturday	Flagella: Giardia lamblia, Chilomastix mesnili, Trichomonas Hominis, Trichomonas vaginalis, Dientamoeba fragilis	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Rafiei
12	Two hours a week, Every Saturday	Causes of cutaneous leishmaniasis and visceral leishmaniasis	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Rafiei

13	Two hours a week, Every Saturday	Trypanosomes and Toxoplasma spp	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Rafiei
14	Two hours a week, Every Saturday	Plasmodium falciparum, Plasmodium vivax, Plasmodium malariae, Plasmodium ovale	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Rafiei
15	Two hours a week, Every Saturday	Sarcocystis, Isospora spp., cryptosporidium, Blastocystis, Cyclospora	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Dr. Rafiei
16	Two hours a week, Every Saturday	Generalities of arthropods	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Medical Entomology Department
17	Two hours a week, Every Saturday	Methods of controlling all types of arthropods	Case Study Analysis, Participation in Quizzes, Literature Review	Lectures, PowerPoint, Clinical case studies	Medical Entomology Department

Student Assignments: Laboratory reports, case study analysis, parasite life cycle presentation, and short review

Evaluation Method For The Course Unit: Assignment Score:% Midterm Exam:% Final Exam:%

Main resources of the course approved by the ministry: Markell and Voge's Medical Parasitology

