

Daily lesson plan form

Golestan University of Medical Sciences and Health Services

Course name: Parasitology - Practical	
Session number: 1	
Session topic: Plasmodiums	Venue: Parasitology Laboratory, Faculty of Medicine
Session duration (minutes): 60 minutes	Students' field and level of education: Medicine, 4th semester, general doctorate
Lesson plan developer: Dr. Mitra Sharbatkhori	Course presenter: Dr. Mitra Sharbatkhori

Overall objective of the lesson: Familiarity with the morphology of Plasmodiums

Outline (Subheadings)	Specific goals in three areas: cognitive, emotional, and psychomotor	Area- class	teaching method	Media and educational materials	Student assignments	Evaluation method and percentage
1- Plasmodiums	At the end of the course, the student is expected to be able to: 1- Describe the specimen examined for the diagnosis of malaria. 2- Describe the method of preparing thick and thin malaria slides. 3-Identify the specific blood forms of Plasmodium falciparum. 4- Identify the specific blood forms of Plasmodium vivax. 5-Draw a schematic form-of the diagnostic blood forms of Plasmodium falciparum. 6- Draw a schematic form of the diagnostic blood forms of Plasmodium vivax	skill	Lecture and Microscopic Demonstration	Video projector, computer, whiteboard	Design two questions from the topics	Drawing a schematic form of the parasite for each session and identifying microscopic slides in the final semester exam

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Course name: Parasitology - Practical	
Session number: 2	
Session topic: Coccidia, Leishmania	Venue: Parasitology Laboratory, Faculty of Medicine
Session duration (minutes): 60 minutes	Students' field and level of education: Medicine, 4th semester, general doctorate
Lesson plan developer: Dr. Mitra Sharbatkhori	Course presenter: Dr. Mitra Sharbatkhori

Overall lesson objective: Familiarity with the morphology of *Toxoplasma gondii*, *Cryptosporidium*, and *Leishmania*

Outline (Subheadings)	Specific goals in three areas: cognitive, emotional, and psychomotor	Area- class	teaching method	Media and educational materials	Student assignments	Evaluation method and percentage
1- Toxoplasma gondii	At the end of the course, the student is expected to be able to: 1-Describe the specimen examined for the diagnosis of toxoplasmosis. 2-Describe the diagnostic forms of <i>Toxoplasma gondii</i> . 3-Draw a schematic form of the <i>Toxoplasma gondii</i> tachyzoite. 4- Draw a schematic form of the <i>Toxoplasma gondii</i> tissue cyst.	skill	Lecture and Microscopic Demonstration	Video projector, computer, whiteboard	Design two questions from the topics	Drawing a schematic form of the parasite for each session and identifying microscopic slides in the final semester exam
2- Cryptosporidium	1-Describe the sample to be examined for the identification of <i>Cryptosporidium</i> . 2- Describe the diagnostic form of <i>Cryptosporidium</i> . 3-Describe the difference between <i>Cryptosporidium</i> and <i>Toxoplasma gondii</i> oocysts. 4- Draw a schematic form of <i>Cryptosporidium</i> oocyst	"	"	"	"	"

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Course name: Parasitology - Practical	
Session number: 3	
Session topic: Intestinal and genital protozoa	Venue: Parasitology Laboratory, Faculty of Medicine
Students' field and level of education: Medicine, 4th semester, general doctorate	Session duration (minutes): 60 minutes
Lesson plan developer: Dr. Mitra Sharbatkhori	Course presenter: Dr. Mitra Sharbatkhori

Overall lesson objective: Familiarity with the morphology of amoebae, Giardia duodenalis, Trichomonas vaginalis

Outline (Subheadings)	Specific goals in three areas: cognitive, emotional, and psychomotor	Area- class	teaching method	Media and educational materials	Student assignments	Evaluation method and percentage
1- Entamoeba histolytica	At the end of the course, the student is expected to be able to: 1-Describe the sample to be examined for the identification of amoeba. 2-Describe the diagnostic forms of Entamoeba histolytica. 3-Describe the difference between the trophozoite of Entamoeba histolytica and Entamoeba coli. 4- Describe the difference between the cyst of Entamoeba histolytica and Entamoeba coli. 5- Draw the schematic form of the trophozoite of Entamoeba histolytica. 6- Draw the schematic form of the cyst of Entamoeba histolytica.	skill	Lecture and Microscopic Demonstration	Video projector, computer, whiteboard	Design two questions from the topics	Drawing a schematic form of the parasite for each session and identifying microscopic slides in the final semester exam
2- Entamoeba coli	1-Describe the diagnostic forms of Entamoeba coli. 2- Draw the schematic form of the Entamoeba coli trophozoite. 3- Draw the schematic form of the Entamoeba coli cyst.	"	"	"	"	"

Outline (Subheadings)	Specific goals in three areas: cognitive, emotional, and psychomotor	Area- class	teaching method	Media and educational materials	Student assignments	Evaluation method and percentage
3- Giardia duodenalis	1-Describe the sample to be examined for the identification of Giardia duodenalis. 2- Describe the diagnostic forms of Giardia duodenalis. 3-Draw a schematic form of the Giardia duodenalis trophozoite. 4- Draw a schematic form of the Giardia duodenalis cyst.	skill	Lecture and Microscopic Demonstration	Video projector, computer, whiteboard	Design two questions from the topics	Drawing a schematic form of the parasite for each session and identifying microscopic slides in the final semester exam
4- Trichomonas vaginalis	1- Describe the sample to be examined for the identification of Trichomonas vaginalis. 2- Describe the diagnostic form of Trichomonas vaginalis . 3-Draw the schematic form of the Trichomonas vaginalis trophozoite.	"	"	"	"	"