
Course Specification

Course Title	Parasitology	
Course Code	ASW/NUR. 115	
Academic Year	2017-2018	
Coordinator		
Teaching Staff	Parasitology department staff	
Branch / Level	Frist year	
Semester	First semester	
Pre-Requisite		
Course Delivery	Lecture	15 h lectures
	Practical	-----practical
Parent Department	Parasitology department	
Date of Approval		

1. Course Aims

The aims of this course are to:

Provide students with required knowledge and practice regarding parasitology

Intended Learning outcomes (ILOs)

A. Knowledge and understanding:

By the end of this course students should be able to:

- A1. Recognize key terms of parasitology
- A2. Enumerate the common and endemic parasitic infections in Egypt.
- A3. Identify the habitant of each parasite.
- A4. List the different parasites routes affecting human body
- A5. Recognize signs and symptoms of common parasitic infection
- A6. Describe the different preventive and control measures for infection
- A7. Discuss the methods of parasitic control
- A8. Discuss precautions and methods of collection of different sample for analysis.of infection control policies.

B. Intellectual skills:

By the end of this course, the students should be able to:

- B1.** Illustrate life cycle of each parasite.
- B2.** Evaluate diagnostic measures used to detect the parasitic infection
- B3.** Interpret the different methods of prevention.

C. Professional and practical skills:

By the end of this course, the students should be able to:

- C.1.** Investigate the parasite under microscope.
- C.2.** Perform stool, urine and sputum examination.-
- C.3.** Interpret results of stool, urine and sputum examination.

D. General and transferable skills:

By the end of this course, the students should be able to:

- D1.** Communicate analyses reports to patients & relatives simply, accurately and in compassion ethical manner
- D2.** Work productively in team search effectively in web sit relevant clinical cases for certain subject

3. Course Contents

Week	Topics
1 st week	Chapter 1: Medical helminthology <ul style="list-style-type: none">• Liver fluke
2 nd week	<ul style="list-style-type: none">• Intestinal flukes
3 rd week	<ul style="list-style-type: none">• Blood flukes (Schistosoma)
4 th week	Chapter2: Class cestodean <ul style="list-style-type: none">• Intestinal custodies
5 th week	<ul style="list-style-type: none">• Extra intestinal Custodies
6 th week	
7 th week	Chapter 3: Class nematode <ul style="list-style-type: none">• Intestinal nematodes
8 th week	<ul style="list-style-type: none">• Tissue nematodes
9 th week	Chapter 4: Medical Protozoology

	<ul style="list-style-type: none"> • Intestinal protozoa
10 th week	<ul style="list-style-type: none"> • Blood protozoa
11 th week	<ul style="list-style-type: none"> • Stool examination
12 th week	<ul style="list-style-type: none"> • Urine examination
13 th week	<ul style="list-style-type: none"> • Sputum examination
14 th week	<ul style="list-style-type: none"> • Blood examination and Medical Entomology

4. Teaching and Learning Methods

Modified lectures

Discussion

Demonstration & re-demonstration

5. Student Assessment

Assessment Method	Assessment Length	Schedule	Proportion
Written Examination		15 th week	50%

6. List of references

Mehlhorn, H. (2011): Progress in Parasitology, (1st^{ed}). Springer Co, NY

Bogitsh, B.J., Carter, C.E. and Oeltmann, T.N. (2013): Human Parasitology, (4th ed.)

Elsevier, USA.

Rollinson, D., Hay, S. I. (2011): Advances in Parasitology, (1st ed). Elsevier Co: USA

Web sites:

<http://www.med.sc.edu:85/book/welcome.htm>

[http:// www.emedicine.com](http://www.emedicine.com)

7. Facilities required for teaching and learning

	Course Coordinator	Head of Department
Name	Prof.	Prof.
Name (Arabic)	أ. د.	
Signature		أ. د. إعتما د أحمد عوض
Date	/ /2010	/ /2010
