Course Specification : Basics of Parasitology for Master of Hepatobillary Surgery

A- Administrative Information:
1)Course Title: Parasitology for Hepatobillary Surgery
2)Department giving the course: Hepatobillary Surgery Department
5)Department(s) offering the program: Hepatobillary Surgery
6)Semester: 1st part
7)Date of approval by National institute of liver Council: 2011
B- Professional Information:
1 – Overall aims of course:
1-Perfection in bases of scientific research uses of research tools.
2-Application of analytical methods Parasitology.
3-Awareness with Current Problems
4-Identification of problems and finding new solutions.
5-Perfection in suitable range of working skills and use of technology to serve his career.
6-Awareness by his role in community development.
7-fair, responsible, accurate and honest.
8-Continous working to increase Knowledge, profession.
2 – Intended learning outcomes of course (ILOs)
A- Knowledge and Understanding:
a1- Recognize bases and theories and what is new in Parasitology and related fields.
a2- Evaluate new researches in parasitology.
a3- Apply ethical and legal considerations of practical work in parasitology.
a4-State rules and bases of quality control application in parasitology.
B- Intellectual skills:
B1- Evaluate data in his field.
B2- Use all data and facilities for solving work problems.
B3-Write and evaluate reports.
C- Professional and practical skills:
C 1 Perfect basic and new skills in parasitology.
C 2 Use current tools in parasitology (Immunodiagnostic tests as ELISA, and PCR).
D- General and transferable skills:
D1-Use of data technology for work.
D2-Use of all available sources to get knowledge.

D3-Work in team.
D4-Learn himself continuously
3-Content:
Parasitology including Helminths, Protozoa and a practical course

Topic	Theoretical hours	Laboratory/ Practical	Total
Introduction of Trematoda + Fascioliasis (*F. hepatica*) Halzon + *H.* + *Paragonimus*	2		2
Schistosomiasis (*S.haematobium* + *S.mansoni+S.japoniceum*) Snails + introduction of Cestodes + *D.latum*	2		2
+ Cysticercosis + + Hydatid Disease	2		2
M.multiceps + Ceonurosis + . Introduction of Nematoda + Ascarisiasis	2		2
Hook worms. + Capillaria philippiaensis	2		2
Filariasis , + viscerallarva migrans+ cut. Larva migrans	2		2
Introduction of Protozoa+ Malaria Leishmaniasis	2		2
E. histolytica Free living Amoebae + B.coli + Giardia	3		3
Trichomonas vaginalis + commensal of flagellates	3		3
Blastocystis Trypanosomiasis, Coccidia	3		3
Total hours	23		23
Total credit hours	1.5		1.5

1 credit hour = 15 hours theoretical

4– Teaching and learning methods:

4.1 lectures

4.2 Seminars& discussions

5- Student assessment methods:

5.1- Written Examination for assessment of knowledge and understanding and intellectual skills

5.2- Oral Examination for assessment of knowledge and understanding outcomes, intellectual skills, and general skills

5.3- Practical Examination for assessment of practical and intellectual skills.

Assessment schedule

One written exam of 1.5 hours in parasitology + oral exam

Weighting of assessments

1- Written exam 70% of all marks

3- Oral exam 30 % of all marks

Total 100%

6- List of references

6.1 - Essential books (text books)

The department text books :Medical parasitology part 1 and 2 by prof. Dr. Nashaat El

Sayed Nassef.

Medical Parasitology

Diagnostic medical Parasitology

Manthon's tropical medicine

6.2 - Recommended books

Basic clinical Parasitology,

Foundations of Parasitology, 5th ed., Roberts L.S. and Janovy J. (eds), Wm. C. Brown, Inc.

6.3 - Periodicals, Web sites, etc

Journal of tropical medicine and hygiene.

Annals of tropical medicine and parasitology.

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American journal of tropical medicine.

Parasitologists united Journal.

http://www.asp.uni.edu

http://www.parasitology.org.uk

http://www.dpd.cdc.gov/dpdx

http://www.parasite.biology.qiowa.edu

http://www.sciencedirect.com

http://www.pubmed.com

7- Resources / Facilities required for teaching and learning achieving the

above ILOs

Computers and data shows.

We certify that all of the information required to deliver this course is contained
in the above specification and will be implemented
Head of the department: Prof . Dr. Thoria Sarif