



COURSE SPECIFICATION

Elective course Infection & Nutrition

Faculty of Medicine- Mansoura University

- Administrative information

(1) Programme offering the course.	MSc Pediatrics (PED 500)
(2) Department offering the programme.	Pediatrics
(3) Department responsible for teaching the course.	Pediatrics
(4) Part of the programme.	2nd part MSc Pediatrics – Elective course Infection & Nutrition
(5) Date of approval by the Department's council	27/4/2016
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Elective course Infection & Nutrition
(8) Course code.	PED 509 AIN
(9) Total teaching hours.	15 hours

(1) Course Aims:

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

1-To provide the advanced knowledge in the field of infectious diseases, and immune disorders.

-٢To upgrade the skills required for critical analysis and decision making in immune deficiency disorders .

-٣To provide the candidate with the ability for management of nutritional disorders and providing nutritional plans.

(2) Intended Learning Outcomes (ILOs):

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

Define, understand, to know, describe, locate, recognize, write, identify, select, state, name, memorize, define, determine, text reading, dictionary use, event recording, explain, outline, graph, speech, diagram, record.

- A.1. Identify nosocomial infection, causes and how to prevent it.
- A. 2. Recognize components of infection control team and know its function.
- A.3. List infections in the immunocompromised host and how to prevent.
- A.4. State the etiology and presentation and treatment of common mycotic infections and their diagnostic modalities.
- A.5. Outline the etiology and presentation and treatment of common protozoal infections and their diagnostic modalities.
- A.6. Define the etiology and presentation and treatment of common invasive helminthic infections and their diagnostic modalities.
- A.7. Identify the merits of common antiviral therapy.
- A.8. Identify the merits of common antihelminthic therapy.
- A.9. Outline immunization in immunocompromised patients.
- A.10. Identify periodic fever syndromes, causes, diagnostic tests and management.
- A.11. Determine the problem of over nutrition in children.
- A.12. Identify steps of breast feeding and counseling.
- A.13. List causes, clinical presentation, diagnostic tests and management of HIV.

B- Intellectual skills

B1. Organize plan for prevention of nosocomial infection in NICU and PICU

B2. Compare different types of periodic fevers

B3. Compare the different antiviral and antihelminthic therapy

B4. Apply the basics of healthy nutrition for different age groups.

B5. Design plan of investigations of possible HIV patient

B6. Organise immunization schedule for immunocompromised patients

(3) Course content:

Compulsory Neonatology Course

Subjects	Lectures	ILOs
Nosocomial infection	1	A1-B1
Infection control	1	A2
Infection in immunocompromized	1	A3
HIV	1	A13-B5
Periodic fevers	1	A10-B2
Immunization of immunocompromized	1	A9-B6
Diagnostic microbiology-1	1	A4-A5-A6
Invasive helminthic infections	1	A6
Protozoal infections	1	A5
Common mycotic infections	1	A4
Antiviral therapy	1	A7-B3
Anthelmintic therapy	1	A8-B3
Over nutriotion	1	A11-B4
Breast feeding and counseling	1	A12-B4
Total Teaching hours	15	15

(4)Teaching methods:

4.1: lectures and scientific seminar

4.2: Self learning

(5) Assessment methods:

5.1....Written. for assessment of..... (knowledge, intellectual skills)

5.2.... Oral for assessment of.....(knowledge, intellectual skills,)

5.3 MCQ continuous assessment for assessment of..... (knowledge, intellectual skills)

Assessment schedule : Semester & Final Exam.

Course	Marks		
Infection and Nutrition	MCQ (Semester Exam)	Essay (Final Exam)	Oral
	10	40	25
Total	75		

(6)References of the course.

6.1: Lectures Hand out notes.....

6.2: Text books:...Nelson Textbook of Pediatrics

6.3: Journals:...Pediatric Clinics of North America.....

6.4: Websites:...www.google.com www.pubmed.com.....

(7)Facilities and resources mandatory for course completion.

- **LECTURE HALLS:** Two halls for lecturers are available at Mansoura University Children's Hospital (MUCH). The hall is equipped with white board, data show, and computer.

- **CLINICAL ROUNDS HALLS:**

Six halls for clinical rounds are available at Mansoura University Children Hospital (MUCH). Computer and AV aids facilities are available with prior arrangement.

- **LIBRARY:**

The library is located on the 4th floor of the Faculty of Medicine, Mansoura University.

- **FACILITIES FOR TUTORS**

In addition to the library on 4th floor of the Faculty of Medicine, Mansoura University, there is a specialized pediatric library at MUCH (Professor Mohammad Hafez's Library).

The offices of all staff at MUCH is equipped with computers and high speed internet connection.

International databases are available through the website of the university (www.mans.edu.eg)

Course coordinator: Prof Othman E. Soliman

Head of the department: Prof. Ali Shaltout

Date: