



COURSE SPECIFICATION
(Quality assurance in Infection Control)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Postgraduate Master degree of hospital infection control
(2) Department offering the programme.	Medical Microbiology and Immunology department
(3) Department responsible for teaching the course.	Medical Microbiology and Immunology department.
(4) Part of the programme.	second part
(5) Date of approval by the Department`s council	2/12/2014
(6) Date of last approval of programme specification by Faculty council	9-8-2016
(7) Course title.	Control & Infectious Diseases
(8) Course code.	IC507 QICI
(9) Credit hours	1 hour lectures, 2 hours field
(10) Total teaching hours.	15 h lectures, 120 hours field

(B) Professional information

(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 candidate the basics of quality management in infection control with getting the information about the different quality terms and how it affects the outcome of the process. □
- 2- To educate the candidates how to lead quality assessment and monitoring services program in different healthcare facilities with practicing the skills of
- 3- The internal and external auditing.

(2) Intended Learning Outcomes (ILOs).

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

A- Knowledge and Understanding

- A1 Identify the concepts of quality assurance.
- A 2 Recognize the quality auditing.
- A 3 Discuss how to and monitor the quality .
- A 4 Be aware of the quality importance.

B- Intellectual skills

- B1 Assess and monitor quality assurance
- B2 construct concepts of quality auditing.
- B3 Evaluate infection control management.

C- Professional/practical skills

- C1- Design a check list.
- C2- Make a questionnaire.
- C3- build a team.
- C4- Manage a team meeting.
- C5- Use different tools of quality to assess the program.
- C6 - Improve the quality practice in the hospitals.
- C7- Plan for a new infection control service following quality measures.
- C8- Audit the infection control practice in hospitals through evaluating the structure, processes and outcomes against the standards according to evidence based IC guide-lines.
- C9 - detect the presence of an outbreak (search for clinical and lab criteria and trace the source of infection)

D- Communication & Transferable skills

- D 1 Effectively utilize the library to access and search for information.
- D 2 Develop effective teaching skills by teaching junior colleagues and students as well as through conference presentations
- D3 Recommend level of work restriction for health care workers with communicable diseases
- D4 Audit the infection control practice in hospitals through evaluating the structure, processes and outcomes against the standards according to evidence based IC guide-lines.
- D5 Utilize problem solving skills in practical situations
- D6 Use different media for teaching that are appropriate to the teaching setting
- D7 Communicate with other members of the multidisciplinary team
- D8 Collaborate with appropriate persons to establish the existence of an outbreak.

(3) Course content:

Subjects	Lectures
Concepts of quality control	3 hours
Quality auditing	3 hours
Quality assessment and monitoring	3 hours
Quality importance	3 hours
Infection control management	3 hours
Total	15 hours

Practical

Skills	Field
Design a check list.	17 hours
Make a questionnaire.	17 hours
build a team for quality assurance and Manage a team meeting.	17 hours
quality practice in the hospitals	18 hours
work restriction for health care workers	17 hours
Audit the infection control practice in hospitals	17 hours
Detection of an outbreak (search for clinical and lab criteria and trace the source of infection)	17 hours
Total	120 hours

Teaching methods:

4.1. Lectures

4.2. Seminars

4.3. hospital tours and rounds.

4.4. Attending workshops and conferences

4.5 Observation of, assisting and discussion with senior medical staff

(4) Assessment methods:

5.1: Written exam for assessment of ILOs A1-4, B1-43

5.2: Structured Oral exam for assessment of ILOs A1-4, B1-43

5.3: OSPE exam for assessment of ILOs C1-7 and D1-8

5.4: continuous assessment MCQ exam for assessment of ILOs A1-4, B1-43

Assessment schedule:

Assessment 1: Final Msc exam 36 months from the date of job admission or 30 months from the date of registration to the degree

Percentage of each Assessment to the total mark. (assessment of the total microbiology course)

Written exam:...48 marks that's is 48% of the total marks.

continuous assessment MCQ exam: 12 marks that's is 12% of the total marks

OSPE exam:...20 marks ,that's is 20% of the total marks

Structured oral exam 20 marks , that's is 20% of the total marks

Other types of assessment:.....None..... .%:.....

Other assessment without marks:

1-Candidate Logbook which should be fulfilled and signed by Head of the department.

2- Attendance Criteria: Minimum acceptance attendance is 75%

(5) References of the course:

6.1. Hand books.

6.2. Text books.

- 1-Manual of MDICU (Microbiology diagnostics and infection control unit) book.
- 2-Manual of Infection Control Procedures, 2004, 2nd edition.
- 3-Manual of Infection Prevention and Control, 2012, 3rd edition.

6.3. Journals:

- 1-Center for Disease Control -www.cdc.gov/ncidod/hip/enviro/guide.htm
- 2-World Health Organization- www.who.int
- 3-MD Consult- www.mdconsult.com

6.4. Websites: Rational Pharmaceutical Management Plus. 2006. A Standardized Approach for Improving Hospital Infection Control Practices: User Manual for the Infection Control Assessment Tool. Submitted to the U.S. Agency for International Development by the Rational Pharmaceutical Management Plus Program. Arlington, VA: Management Sciences for health rational.

Course coordinator: Dr. Ghada Barakat

Head of the department: Prof. Dr. Mohamed Abo el-ela

Date:

P.S. This specification must be done for each course.