



COURSE SPECIFICATION

(Elective course: Breast and Gynecological pathology)

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Postgraduate PhD degree of Pathology
(2) Department offering the programme:	Pathology department
(3) Department responsible for teaching the course:	Pathology department
(4) Part of the programme:	Second part
(5) Date of approval by the Department`s council	26/7/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title:	Elective course
(8) Course code:	PATH 605 GYP
(9) Total hours:	5 credit hours
(10) Total teaching hours:	75 hours

(B) Professional information

Course Aims:

- 1-To acquire detailed informations about non neoplastic diseases of breast and female genital tract, their pathogenesis, morphologic features , prognosis, fate and complications
- 2-To provide molecular background for non neoplastic lesions
- 3-To clarify molecular pathogenesis for breast and female genital tract tumors
- 4-To enhance ability to differentiate tumors based on morphologic features, and immunohistochemical features
- 5-To support implementation of different ancillary diagnostic techniques for approaching diagnosis in problematic cases
- 6-To help correlating pathologic parameters to prognosis and therapy
- 7- To provide the skill for intrepration of tissue biopsy from these related organs
- 8-To support applying and integrating data for problem solving in tissue biopsy interpretation
- 9- To help handling and processing of related specimens in different pathological conditions
- 10-To guide applying grading and staging of breast and female genital tract tumors

Intended learning outcomes(ILOs)

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

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

A- Knowledge and Understanding

A1. Identify altered structure and function of the female genital tract and breast that are seen in various diseases; definition, etiology, pathogenesis, prognosis, fate & complications of such diseases.

A2. Describe the morphological features of different types of tumors in the female genital tract and breast

A3. Classify tumors of the female genital tract and breast. Grading and staging according to the recent WHO classification

A4. Describe and discuss characteristic morphological pattern (macroscopic and microscopic) of different pathologic lesions within the female genital tract and breast and their underlying pathogenesis

A5. To identify recent advances in pathology processes and relate structural and functional changes and the associated clinical manifestations

B- Intellectual skills

B1. Interpret findings of pathological specimens effectively

B2. Analyze various gross and microscopic pathologic data resulting from the disease process.

B3. Enlist the differential diagnosis of various gross and microscopic pathologic features to reach proper evidence based diagnosis.

B4. Relate the clinical data, investigational data and patient history to reach proper pathologic diagnosis with proper time managing.

B5. Analyze different problems of misdiagnosis.

B6. Discuss problematic cases with senior staffs and supervisors to improve professional performance.

D- Communication & Transferable skills

D1. Present adequately themselves by improving descriptive capabilities and communication skills and respond positively to feedback.

D2. Respect ethical relationship with staff and ethics in research.

D3. Present attitudes that will maximize their educational experiences via continuous search in data base and lifelong learning.

D4. Work in inter-professional teams to enhance patient safety and improve patient care quality.

Course content

A:Non neoplastic diseases (2 credit hours; 30 teaching hours)

1-Inflammatory diseases of female genital tract

2-Cystic lesions of female genital tract

3-Non neoplastic glandular lesions

4-Non neoplastic stromal lesions

5-Endometrial biopsy

6-Effects of hormones on endometrium

7-Metaplasia

8-Adenomyosis and endometriosis

9-Dysfunctional uterine bleeding

10-Inflammatory diseases of the breast

11-Non proliferative breast lesions

12-Other non neoplastic diseases

B: neoplastic diseases (3 credit hours; 45 teaching hours)

- 1-Tumors of female genital tracts
- 2- Tumors of the breast
- 3-Tumor like lesions
- 4-Metastatic tumors

Assessment schedule.

- Final written exam with total of 80 marks
- MCQ continuous assessment of 20 marks

Other assessment without marks.

- 1-Attendance Criteria: Minimum acceptance attendance in each course is 75%
- 2- Log book should be fulfilled and signed by Head of the department

References of the course.

6.1. Hand books: Course notes: Book authorized by department

6.2. Text books: Rubbin's text book of pathology, Ackerman's surgical pathology, Sternberg's surgical pathology & Soft tissue tumors

6.3. Websites:

– <http://www.pathmax.com>

- United States and Canadian Academy of Pathology (USCAP): <http://www.uscap.org/>

- The Royal Collage of pathologists: <http://www.rcpath.org/>

Facilities and resources mandatory for course completion.

- Lecture halls and data show
- Pathology labs. in various Mansoura university medical centers
- Pathology Archives of slides and tissue for problematic cases
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Internet with a wide range of learning support material

Course coordinator: **Dr. Reham Nagib**

Head of the department: **Prof. Dr. Khaled Zalata**