



Pathology Course Description

The pathology course covers the basic principles of disease process in various tissues, organs and systems of the human body. Students will acquire knowledge, skills and attitudes to diagnose various aspects of diseases using pathological specimens including correlation between the microscopic findings and clinical features of the disease. Furthermore, students will acquire decision making and critical thinking skills as lifelong learners. Course duration is 188 contact hours, and it is taught in year 3 / Bachelor of Medicine and Surgery (MBBCh).

Learning outcomes

Knowledge and Understanding

1. Discuss the etiology, pathogenesis, morphology of pathological lesions and their clinical features.
2. Recognize genetic predisposition of disease causation, genetically inherited diseases.
3. Explain the diagnostic approaches of various diseases and how to describe them.
4. Determine the prognosis and complications of various disorders.

Intellectual skills

1. Analyze the different lesions of body organs on the background of knowledge and understanding.
2. Integrate relevant clinical findings with pathological findings to reach the diagnosis
3. Formulate a primary diagnosis in a given case

Practical and Professional skills

1. Perform gross examination by describing macroscopic lesions in given specimens
2. Use light microscopy to interpret histopathological features of the disease in different tissues.

General & Transferable skills

1. Communicate effectively with their colleagues and teachers.
2. Be an influential part of a teamwork and aware of team dynamics
3. Manage their time effectively



University of Benghazi
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Department of Pathology



Teaching and learning methods

1. Lectures
2. Lab sessions (museum & histopathology lab)
3. Tutorials

Methods of evaluation

1. MCQs, True/False questions, problem solving questions, and short essay
2. Oral exam
3. Slide examination

References

- Robbins Basic Pathology (Robbins Pathology). Vinay Kumar, Abul Abbas, Jon Aster, 2018, 10th edition
- Robbins & Cotran Pathologic Basis of Disease. Vinay Kumar, Abul Abbas, Jon Aster, 2020, 9th edition
- Textbook of pathology, Harsh Muhan 6th edition
- <https://www.pathologyoutlines.com/>
- <https://webpath.med.utah.edu/>
- <https://www.virtualpathology.leeds.ac.uk/slides>