Mindluster Platform

About the course Applied histopathology basics

Course Presenter : Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆØ·Ù†Ù‰ Ø§Ù„ØµØÙ‰

Applied histopathology basics, The Applied Histopathology Basics course introduces students to the fundamental principles and techniques used in the microscopic study of diseased tissues. It focuses on the application of histological methods to identify structural changes that underlie pathology, bridging the gap between basic science and clinical diagnosis. Topics include tissue preparation, fixation, sectioning, and staining, with emphasis on commonly used stains such as H&E. Students will also explore the microscopic features of inflammation, necrosis, neoplasia, and other pathological processes. The course highlights how histopathological findings correlate with clinical symptoms and laboratory data, providing a deeper understanding of disease mechanisms. Practical sessions guide learners in slide interpretation and diagnostic reasoning, enhancing their ability to recognize normal versus abnormal histology. By the end of the course, students will acquire essential skills to apply histopathology knowledge in medical practice, pathology labs, and research, laying a strong foundation for advanced pathology studies. Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆØ·Ù†Ù‰ Ø§Ù„ØµØÙ‰

Languages in Arabic Category's Courses

Course Lesson(9)

Lesson 1 :
Histopathology 1 Introduction to basic pathology Ù…Ù‚Ø¯Ù…Ø© Ø¥Ù„Ù‰ Ø£Ø³Ø§Ø³ÙŠØ§Øª Ø§Ù„Ø¨Ø§Ø«Ù„ÙˆØ¬ÙŠØ§

Lesson 2 :
Applied Histopathology 2 basics of specimens handling Fixation Ø£Ø³Ø§Ø³ÙŠØ§Øª Ø¹Ù„Ù‰ Ø¹ÙŠÙ†Ø§Øª Ø§Ù„Ø£Ù†Ø³Ø¬Ø© Ø§Ù„Ø«Ø§Ø¨ØªØ©

Lesson 3 :
Applied Histopathology 3 basics of specimens handling Tissue processing Ø¹Ù„Ù‰ Ø§Ù†Ø³Ø¬Ø© Ù„Ù„Ø¹Ù‚ÙŠØ¹

Lesson 4 :
Applied Histopathology 4 Sectioning tissues Ø¹Ù‚ÙŠØ¹ Ø§Ù„Ø£Ù†Ø³Ø¬Ø© Ø§Ù„Ø£Ù†Ø©

Lesson 5 : **Applied Histopathology 5 Cytopathology Ø¹Ù„Ù‡Ø³ Ø¹ÙŠÙ†Ø§Øª Ø§Ù„Ø®Ù„Ø§ÙŠØ§**

Lesson 6 :
Applied Histopathology 6 routine staining technique Ø§Ù„Ø¨Ø¹Ø§Ø¯ Ø§Ù„Ø±Ù‚Ø¹ÙŠÙ†Ø©

Lesson 7 :
Applied Histopathology 7 routine staining technique part 2 Eosin Ø§Ù„Ø¨Ø¹Ø§Ø¯ Ø§Ù„Ø±Ù‚Ø¹ÙŠÙ†Ø© Ø§Ù„Ø£ÙŠÙ‚Ø³ÙŠÙ†

Lesson 8 :
Applied Histopathology 8 special stains Ø£Ø´Ø± Ø§Ù„Ø¨Ø¹Ø§Ø¯ Ø§Ù„Ø®Ø§Øµ ÙŠÙ… Ø³Ù… Ø§Ù„Ø¨Ø¹Ø§Ø¯ Ø§Ù„Ø®Ø§Øµ

Lesson 9 :
Applied Histopathology 9 Immunohistochemistry Ø£Ø³Ø§Ø³ÙŠØ§Øª Ø§Ù„Ù…ÙŠÙ…ÙŠØ§ Ø§Ù„Ù‡Ø¬ÙŠÙŠÙ†

Related courses

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