Mindluster Platform

About the course Nuclear medicine fundamental

Course Presenter : Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„Ù†ÙˆÙˆÙŠ Ø§Ù„Ø¹Ø§Ù„Ù…ÙŠ

Nuclear medicine fundamental, The Nuclear Medicine Fundamentals course introduces the principles and clinical applications of nuclear medicine, a field that uses small amounts of radioactive materials (radiopharmaceuticals) to diagnose and treat diseases. The course covers the basic physics of radiation, types of radionuclides, and their safe handling. Students will learn about imaging techniques such as PET (Positron Emission Tomography) and SPECT (Single Photon Emission Computed Tomography), as well as their role in detecting cancer, cardiovascular diseases, and neurological disorders. Emphasis is placed on understanding how radiopharmaceuticals localize in specific organs, enabling functional imaging rather than just anatomical visualization. The course also highlights radiation safety protocols for patients and staff, quality control procedures for nuclear medicine equipment, and ethical considerations in diagnostic and therapeutic applications. By combining theory with case-based learning, students will gain a strong foundation to apply nuclear medicine principles in clinical practice and research. Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„Ù†ÙˆÙˆÙŠ Ø§Ù„Ø¹Ø§Ù„Ù…ÙŠ

Languages in Arabic Category's Courses

Course Lesson(5)

Lesson 1 :
Principles of Nuclear Medicine chapter 1 2 Ù…Ø¨Ø§Ø¦ Ø§Ù„Ø·Ø¨ Ø§Ù„Ù†ÙˆÙˆÙŠ Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø£Ù„Ù… Ùˆ Ø§Ù„Ø«Ø§Ù†ÙŠ

Lesson 2 :
Principles of Nuclear Medicine chapter 4 3 Ù…Ø¨Ø§Ø¦ Ø§Ù„Ø·Ø¨ Ø§Ù„Ù†ÙˆÙˆÙŠ Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø« Ùˆ Ø§Ù„Ø±Ø§Ø¨Ø¹

Lesson 3 :
Principles of Nuclear Medicine ch 2 Radioactive Decay Ù…Ø¨Ø§Ø¦ Ø§Ù„Ø·Ø¨ Ø§Ù„Ù†ÙˆÙˆÙŠ Ø§Ù„Ø§Ù¶Ù…ÙˆÙ„Ø§ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ

Lesson 4 :
Nuclear Medicine fundamental concepts of nuclear Ù…ÙØ§Ù‡ÙŠÙ… Ùˆ Ø£Ø³Ø§Ø³ÙŠØ§Øª Ø§Ù„Ø·Ø¨ Ø§Ù„Ù†ÙˆÙˆÙŠ

Lesson 5 : **Nuclear Medicine Radioactive Decay Ø§Ù„Ø§Ù¶Ù…ÙˆÙ„Ø§ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ**

Related courses

Greek Language For Arabic

Czech Language For Arabic

Polish Language For Arabic

Thai Language For Arabic

Turkish Language For Arabic

Russian Language For Arabic

for Business Contact
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