Mindluster Platform

About the course Techniques of radiation therapy

Course Presenter : Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆÙ†ÙŠ Ø§Ù„ØµØ

Techniques of radiation therapy, This course offers a comprehensive overview of modern radiation therapy techniques used in the treatment of cancer and other conditions. Participants will learn about the principles of radiation physics, treatment planning, and delivery methods, including external beam radiation therapy (EBRT), intensity-modulated radiation therapy (IMRT), stereotactic radiosurgery (SRS), and brachytherapy. Emphasis is placed on understanding how each technique is selected based on tumor type, size, and location, as well as patient-specific considerations. The course also covers the use of imaging technologies such as CT, MRI, and PET in precise targeting, along with quality assurance measures to ensure patient safety and treatment accuracy. Practical sessions and case studies help learners connect theory with real-world applications, equipping them with the knowledge and skills needed to contribute effectively to a multidisciplinary oncology team. Ø§Ù„Ù…Ø¹Ù‡Ø¯ Ø§Ù„ÙˆÙ†ÙŠ Ø§Ù„ØµØ

Languages in Arabic Category's Courses

Course Lesson(8)

Lesson 1 :
Radiation Therapy ch 1 ch 2 terms and introduction ØªÙ‚Ù†ÙŠØ§Øª Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ Ù…Ø¹Ù„ÙˆÙ…Ø§Øª Ù…Ù‚Ø¯Ù…Ø©

Lesson 2 :
Techniques of Radiation Therapy Ch 1 Basic Radiation Therapy Terms Ù…Ø¨Ø§Ø¯Ø¦ Ù…Ù… Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ

Lesson 3 :
Techniques of Radiation Therapy Ch 2 INTRODUCTION TO CANCER Ù…Ù‚Ø¯Ù…Ø© Ø¥Ù‰ Ø§Ù„Ø³Ø±Ø·Ø§Ù†

Lesson 4 :
Techniques of Radiation Therapy lecture 3 Radiation Therapy Principles Ø£Ø³Ø³ Ù…Ù…Ø¨Ø§Ø¦ Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ

Lesson 5 :
Techniques of Radiation Therapy ch 3 RADIATION THERAPY PRINCIPLES Ø£Ø³Ø§Ø³ÙŠØ§Øª Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ

Lesson 6 :
Techniques of Radiation Therapy lecture 4 Radiotherapy Department part 1 Ù‚Ø³Ù… Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ Ø¬1

Lesson 7 :
Radiation Therapy lecture 5 Internal radiation therapy brachytherapy Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ Ø§Ù„Ø¯Ø§Ø®Ù„ÙŠ

Lesson 8 :
Radiation Therapy lecture 6 Specific Cancer Radiotherapy Ø§Ù„Ø¹Ù„Ø§Ø¬ Ø§Ù„Ø¥Ø´Ø¹Ø§Ø¹ÙŠ Ù„Ø¨Ø¹Ø¶ Ø£Ù†ÙˆØ§Ø¹ Ø§Ù„Ø³Ø±Ø·Ø§Ù†

Related courses

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for Business Contact
business@mindluster.com