



Cardiac Computerized Tomography (CT) GUIDED TRAINING

Professional Growth and Learning

Introduction

Professional and Development Programs at King Faisal Specialist Hospital & Research Centre (KFSH&RC) are designed to enhance the skills and knowledge of healthcare professionals and other related disciplines. These programs aim to ensure that staff remain up-to-date with the latest medical practices, technologies, and research advancements. Through a variety of workshops, training sessions, and certifications, KFSH&RC fosters continuous learning and professional growth, ultimately improving patient care and hospital services.

Overview of On-The-Job Training (OJT) Programs

On-The-Job Training Programs at King Faisal Specialist Hospital & Research Centre (KFSH&RC) are designed to provide employees with hands-on experience in their specific fields while they work. These programs aim to enhance practical skills and ensure that staff are fully equipped to handle their responsibilities effectively. By integrating training directly into the workplace, KFSH&RC ensures that employees can apply what they learn immediately, leading to improved performance and a more efficient work environment.

Apprenticeship Training Programs (ATP)

The Structured Apprenticeship Training Program (ATP) at King Faisal Specialist Hospital and Research Centre (KFSH&RC) is a premier on-the-job training initiative. This program is meticulously designed to enhance the knowledge and skills required in specialized areas, ensuring participants become highly qualified professionals. KFSH&RC's ATP program is delivered by expert preceptors who use state-of-the-art equipment and technology to provide an engaging and comprehensive learning experience. The program duration ranges from one week to six months, offering a structured training plan that encompasses all the essential competencies needed for success in your field.

ATP Program:

Cardiac Computerized Tomography (CT) Guided Training

Program Overview:

This comprehensive training program is designed to equip participants with the knowledge and skills necessary to independently perform a complete CT cardiac procedure and obtain optimal diagnostic images for the radiologist. Over the course of three months, trainees will receive hands-on training and theoretical instruction in various aspects of cardiac imaging.



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The program's objectives are centered on developing proficiency in key areas related to CT cardiac imaging. Trainees will learn to identify cardiac anatomy, a fundamental skill for accurate interpretation of cardiac images. They will also gain expertise in manipulating scanning parameters to optimize image quality and minimize radiation exposure. Additionally, participants will learn how to calculate the proper dose of contrast and determine when the calculation of Calcium Score is required.

A crucial aspect of the program is familiarizing trainees with different types of cardiac protocols, enabling them to adapt their scanning techniques to various clinical scenarios. They will also learn to connect and optimize electrocardiography (ECG) leads, ensuring synchronization of image acquisition with the cardiac cycle.

Trainees will be trained in performing standard image quality assessments on CT cardiac scans to ensure diagnostic accuracy. The program places a strong emphasis on obtaining optimal cardiac CT images, as this plays a vital role in providing accurate and detailed information for radiologists.

Program Objectives:

By the end of the training, participants will:

- Identify cardiac anatomy
- Manipulate scanning parameters
- Calculate the proper dose of contrast
- Calculate Calcium Score and state when it is required
- List different types of cardiac protocols
- Connect and optimize electrocardiography (ECG) leads
- Perform standard image quality on CT Cardiac
- Obtain optimal cardiac CT images

Acceptance Criteria:

- Two years' work experience in CT
- Work Experience on GE 128 Slice or above or Siemens flash, edge or force
- Bachelor's degree in Radiology (Medical Imaging)
- Interview (appearance, personality, behavior, knowledge, etc.)

Duration:

- Three months.

Benefits:

- Medical coverage as per hospital policy.
- Certificate of completion.



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Fees:

- 2,000 SAR per month (excluding 15% VAT).

Contact Information:

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Apply via QR Code:

