



Cardiac MRI (CMR) 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 MRI (CMR) Guided Training

Program Overview:

The Cardiac MRI (CMR) Training Program is meticulously designed to provide trainees with comprehensive knowledge and hands-on experience necessary to perform complete CMR procedures in accordance with international standards. Under the guidance of expert technologists and using state-of-the-art equipment, participants will learn to identify different scanning planes and cardiac anatomy, and understand the physical principles underlying various image acquisition techniques. The program also covers the



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management of difficult scanning scenarios, identification of common image artifacts, and recognition of typical cardiac pathology appearances. Additionally, trainees will gain proficiency in ECG gating and image optimization, as well as performing various pulse sequences based on clinical indications. This training ensures that participants are well-prepared to deliver high-quality cardiac MRI services in a clinical setting.

Program Objectives:

By the end of the training, participants will:

- Identify different scanning planes and cardiac anatomy
- Define the physical principles underlying various image acquisition techniques
- Handle difficult scanning scenarios
- Identify common image artifacts
- Recognize common cardiac pathology appearance
- Recognize ECG gating and image optimization
- Perform different pulse sequences based on the indication

Acceptance Criteria:

- 2 years' previous work experience in MRI
- Bachelor's Degree in Radiological Science
- Interview (appearance, personality, behavior, knowledge, etc.)

Duration:

- Three months.

Benefits:

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

Fees:

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

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Apply via QR Code:

