

Title: **the efficiency of good and clear communication between the radiology technologist and patient with infectious disease prior the radiology procedure in improving the infectious disease diagnostic and infection control**

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Introduction: Through good and clear communication with patients of infectious diseases before they undergo radiology procedures, the rate of spread of an infection can be reduced significantly or further spread prevented. Communication allows the patients to understand and appreciate the precautions they need to take to prevent the spread of the infection to others.

Purpose: The purpose of communication is to make patients understand the seriousness of the infections they have. It should allow the patient an opportunity to participate in the campaign against the virus by equipping them with information on how to prevent the spread. It should additionally help them familiarize with the diagnostic procedure.

Method: Qualified and tested people should give appropriate explanations of prevention methods and radiology procedures. Radiology should be employed in their treatment. The

essential elements in the process include radiology personnel, radiology equipment, and the patient. The method of radiology depends on the machine used and includes X-Ray, CT-Scan, SPECT-Scan amongst others.

Results: The results of the effective communication with infectious disease patients get to understand the radiology process and learn techniques and practices that help them prevent the spread of the infection.

Conclusion: Effective communication with infectious disease patients is the key towards reducing the rate of the infections' spread. Communication assists patients to understand how to cope with the infection and its progression or otherwise. The method is through radiology and involves personnel to explain prevention techniques, and radiology equipment and personnel for diagnosis. It results in reduced infection rates.

Biography

Hissa Mohammed has completed BSc with Honour in Diagnostic Radiography from Queen Margaret University, Edinburgh. She is the radiology technical Supervisor in CDC, a Communicable disease center in Qatar.

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Category: Oral presentation
Session name: infectious disease imaging
Research interest: infectious disease imaging