

# Pediatric Radiography in UAE: Radiographer Experience

Arwa Alsharqi U16105014, Masomah Abo Alsaud U14122270, Noor Mustafa Hassouna U16103701

Supervised by Dr. Wiam Elshami

## INTRODUCTION

- Radiological imaging of the paediatric is extremely valuable as a diagnostic tool, but it poses a variety of different challenges to the radiographer.
- The current issues of optimizing image quality and reducing the radiation dose in paediatric radiography is essential component to improve radiographer's performance.
- Ensuring that paediatric patient doses are kept as low as reasonably achievable (ALARA) is a basic aspect that monitors the amount of radiation penetrating.
- Well-adjusted collimation is one of the aspects of optimizing the radiographic imaging technique.

## AIM

This study aims to assess the knowledge and experience of radiographers in UAE towards pediatric radiography.

## METHODS

- A quantitative descriptive cross-sectional based study.
- An online-based survey using google form was used to evaluate the radiographer's experience on the difficulties that are facing them while performing pediatric radiography.
- This study included radiographers working in UAE hospitals.
- The survey consists demographic information, current practice, perception.

## RESULTS



Figure 1. (a) Receiving formal training in pediatric digital radiography, (b) percentage of procedures using electronic collimators, (c) common causes of repeat exposure for pediatric patients (d) Radiographer's practice level of the following statements.

## CONCLUSION

A survey-based study was done in pediatric radiography to assess the perception, knowledge and experience of radiographers in UAE. The result revealed the need for radiographers to undertake further training and gain additional knowledge to enhance their performance in pediatric radiography.

## REFERENCE

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