



**Sudan University for Sciences and Technology**  
**College of graduate studies**



**Optimization of Radiation Dose and Image Quality in Pediatric  
Chest and Abdomen Radiography**

أمثلة الجرعة الاشعاعية وجودة الصورة في فحص الصدر و البطن الشعاعي للأطفال

A thesis Submitted for the requirement of MSc degree in Radiological Imaging  
Diagnosis

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