

**Sudan University of Science and Technology**

**College of Graduate Studies**



**EVALUATION OF MICROSURGICAL VARICOCELE  
CATHETER EMBOLIZATION VERSUS  
VARICOCELECTOMY**

تقويم العلاج بالاشعة التداخلية و العلاج بالجراحة لمرضي  
دوالي الخصيتين

*A thesis submitted in fulfillment for the requirements*

*Of Doctor of Philosophy in Diagnostic Imaging*

**By:**

**MR. Elbagir Hamza Mohamed Ali Manssor**

*M.Sc in Radiological Diagnostic Technology*

**Supervised by**

**Dr. Abdelmoneim Adam Mohamed Sulieman**

*Associate Professor*

**Co-supervised by**

**Dr. Hussein Ahmed Hassan Ahmed**

*Assistant Professor*

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