

Sudan University of Sciences and Technology

College of Graduate Studies

**CHARACTERIZATION OF SCROTAL DISEASES by USING
ULTRASONOGRAPHY**

توصيف امراض كيس الصفن باستخدام التصوير بالموجات فوق
الصوتية

Research submitted in Fulfillment of the Academic
Requirement of PhD Degree in Medical Diagnostic
Ultrasound

By:

Abdullah Hamad Hamdan Ahmed

Supervisor:

Assoc. Prof. Dr. Alsafi Ahmed Abdalla

Co-supervisor:

Assoc. Prof. Dr. Mohamed Mohamed Omer

2015