بِسِيمِ ٱللَّهِ ٱلرَّحْمَزِ ٱلرَّحِيمِ

Sudan University of Sciences and Technology College of Graduate Studies



Study of Acute Scrotal Diseases using

Ultrasound

دراسة امراض الخصية الحاد بالموجات فوق الصوتية

A Thesis Submitted, for partial fulfillment of award of Master Degree in Diagnostic

Medical Ultrasound

By:

Adam Mohamed El Shafie

Supervisor:

Dr. Mohamed Mohamed Omer Mohamed Yousef