



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Sudan University of Science and Technology
College of graduate student

*Color Doppler Study of Superior Mesenteric Artery
For Intake of Different Types of Meals*

دراسة دوبلر للشريان المساريقي العلوى عند تناول أنواع مختلفة من الوجبات

*Thesis submitted in fulfillment of the requirements for the PhD degree in Medical
Ultrasound Technology*

By:

Mohamed Elsamani Awad

**BS.c in Rediation therapy Technology & M.Sc. in Diagnostic
Medical Ultrasound**

Supervised by:

Dr. Elsafi Ahmed Abdalla Balla
Associate professor

Co- Supervisor:

Dr. Mohamed Elfadil Mohamed
Associate professor

December 2016