

بسم الله الرحمن الرحيم

Sudan University of Science & Technology

College of Graduate Studies



**Determination of Normal Main Portal Vein Diameter using
Ultrasonography**

تحديد قطر الوريد البابي الرئيسي باستخدام الموجات فوق الصوتية

A Thesis Submitted for Fulfillment of M.Sc. Degree in Medical Diagnostic Ultrasound

By:

Yasir Omer Salih Mohammed

Supervisor:-

Dr. BabikerAbdalwahabAwad Allah

Assistant professor

2019م