

Sudan University of Sciences and Technology  
College of Graduate Studies

**A Study of Fetal Umbilical Artery Velocimetry  
and Placental Thickness in Diabetic Pregnancy**

دراسة مؤشرات الشريان السري وسمك المشيمة في الحمل السكري بالموجات فوق الصوتية

A Thesis submitted for Partial Fulfillment for the Degree  
of Masters (M. Sc) in Medical Diagnostic Ultrasonography

**By**

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