

بسم الله الرحمن الرحيم

Sudan University of Science and Technology

Faculty of Graduate Studies

**Measurement of Haemostatic Parameters
and Haemoglobin level in visceral
leishmaniasis Patients Attending Al-Gdarif
Teaching Hospital**

قياس عوامل التجلط ومستوي خضاب الدم لدي المصابين باللمشمانيا
الحشوية بمستشفى القضارف التعليمي

By

AL-SARA KHALID ADM YOUSIF

B.Sc.MEDICAL LABORATORY SCIENCES

Shandi University (2004)

Supervisor

Dr. KhaldaMirghaniHamza

Associate Professor of Physiology, Faculty of Medical Laboratory Sciences

Sudan University of Science and Technology

A thesis submitted for the Partial fulfillment of the requirements for M.Sc
(Master Degree) in Medical Laboratory Sciences
(Hematology and Immune Hematology)

March, 2010

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قال الله تعالى

أَمَّنْ هُوَ قَانِتٌ آنَاءَ اللَّيْلِ سَاجِدًا وَقَائِمًا يَحْذَرُ الْآخِرَةَ وَيَرْجُو رَحْمَةَ رَبِّهِ ۖ قُلْ
هَلْ يَسْتَوِي الَّذِينَ يَعْلَمُونَ وَالَّذِينَ لَا يَعْلَمُونَ ۚ إِنَّمَا يَتَذَكَّرُ أُولُو الْأَلْبَابِ

صدق الله العظيم

سورة الزمر الآية ٩

Chapter One

Introduction & literature review

Chapter Two

Material & Methods

Chapter Three

Results

Chapter Four

Discussion, Conclusion& Recommendations

Appendices

References