

**Sudan University of Science and Technology**

**College of Graduate Studies**

***Relationship between Hemoglobin A1c Level and Fasting***

***Plasma Glucose Level in Diabetic Patients***

المؤلف: ياسر بابكر عبد الله علي

المهنة: دكتور في العلوم الطبية  
المؤسسة: جامعة الإمام محمد عبد الوهاب

A dissertation Submitted in Partial Fulfillment of the  
Requirement for M.Sc. Degree in Medical Laboratory Science  
(Clinical Chemistry)

***By:***

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**بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ**

**قال الله تعالى**

**قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ**

**صدق الله العظيم**

**سورة البقرة الآية 32**

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Introduction & Literature review  
**Introduction & Literature review**

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Materials & Methods

**Materials & Methods**

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Results

**Results**

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Discussion

**Discussion**

# Chapter Five

Conclusion & Recommendations

Conclusion & Recommendations

# Appendix



# References

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Clinical Chemistry**

## Questionnaire

**Name:** .....

**Serial No:** (    )

**Telephone:** .....

**Age:** .....

**Sex:**                      **Male**                       **Female**

**Residence:** .....

Level of education:      Illiteracy     Primary                       Secondary   
   University     Post graduate

Occupation: .....

Duration of diabetes mellitus: .....

Types of medication: .....

**Investigations:**

○ Fasting blood glucose (1)      = ..... mg/dL

○ Fasting blood glucose (2)      = ..... mg/dL

○ Fasting blood glucose (3)      = ..... mg/dL

○ Mean Fasting blood glucose = ..... mg/dL

○ HbA1c                                      = ..... %

**Date:** .....

**Signature:** .....