

# **Chapter One**

**Introduction**

**Rationale & Objective**

# **Chapter Two**

## **Literature review**

# **Chapter Three**

## **Materials and Methods**

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## **Results**

# **Chapter Five**

**Discussion**

**Conclusions**

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# References

# **Appendices**

**Appendix (1)**

**Sudan University of Science and Technology**

**College of Graduate Studies**

Plasma Levels of ALT , AST and ALP among Sudanese Patients with  
Pulmonary Tuberculosis in Khartoum State.

**Questionnaire**

General information :-

Name .....

Age .....

Sex .....

BMI (Kglcm<sup>2</sup> ) .....

Duration .....

History of disease :-

.....

.....

Lab results :-

Investigation of liver enzymes :

AST.....

ALT.....

ALP.....