

# Relationship of Body Mass Index with Serum Albumin Concentration and Hemoglobin with Tuberculosis in Balongbendo Health Center.

*by Sukma Sahadewa*

---

**Submission date:** 07-Jun-2021 03:21PM (UTC+0700)

**Submission ID:** 1602013812

**File name:** nd\_Hemoglobin\_with\_Tuberculosis\_in\_Balongbendo\_Health\_Center.pdf (6.05M)

**Word count:** 366

**Character count:** 3045



Universitas Airlangga 2nd ICoHAP

# PROGRAM BOOK and **ABSTRACTS**

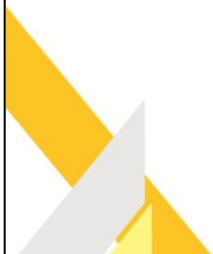
**The 2nd International Conference  
on Health Administration and Policy**  
*“International Conference on Health Technology  
and Sustainable Risk Management”*  
**Novotel Samator East Surabaya Hotel  
September 10-12, 2019**





## LIST OF CONTENTS

1. PREFACE .....	1
2. INTRODUCTION .....	2
3. RUNDOWN .....	3
4. LIST OF ORAL PRESENTATION ROOM ARGON 1 .....	10
5. LIST OF ORAL PRESENTATION ROOM ARGON 2 .....	26
6. LIST OF ORAL PRESENTATION ROOM HELIUM .....	39
7. LIST OF ORAL PRESENTATION ROOM OXIGEN .....	50
8. LIST OF POSTER PRESENTATION DAY 1 .....	64
9. LIST OF POSTER PRESENTATION DAY 2 .....	125
10. FLOOR MAP OF CONFERENCE AND POSTER PESENTATION .....	169
11. FLOOR MAP OF SYMPOSIUM .....	170
12. FLOOR MAP OF ORAL PRESENTATION .....	171
13. PARTNERSHIPS .....	172





**Relationship of Body Mass Index with Serum Albumin Concentration and Hemoglobin with Tuberculosis in Balongbendo Health Center.**

Sahadewa, Sukma; Khamidah, Nur; Wardhani, Galuh Nusaputri Kartika; Sriwahyuni, Wiwin Ida Nur; Cahyadi, I Kadek Angga Dwi; Utomo, Eko Deski, 2019.

**Background :** Tuberculosis (TB) is infectious disease caused by mycobacterium tuberculosis. One of the factors that influences the possibility of getting pulmonary TB disease is poor nutritional status. Indicator's to determine nutritional status is to calculate BMI. The purpose of this study was to determine the relationship of body mass index (BMI) with serum albumin and hemoglobin concentrations in lung patients. **Method:** This study used a cross sectional study, with 30 respondents. The study was conducted during May-June 2019 using laboratory research and anthropometric. **Result:** The results of this study 40% of respondents had a thin BMI with a low serum albumin concentration of around 30% and less than normal hemoglobin amounted to 26.7%. This study uses two tests with nominal data scales. *Chi Square* test obtained *p-value* = 0.001 on the correlation of BMI and serum albumin concentration and *p-value* = 0.002. The correlation of BMI and hemoglobin concentration which means that there is a significant correlation of body mass index and serum albumin concentration and hemoglobin in tuberculosis patients in Balongbendo Health Center. **Conclusion:** The conclusion of this study, there was correlation of body mass index with serum albumin concentration and hemoglobin with tuberculosis.

**Keywords:** Body Mass Index, Serum Albumin Concentration, Hemoglobin Concentration, Tuberculosis



# Relationship of Body Mass Index with Serum Albumin Concentration and Hemoglobin with Tuberculosis in Balongbendo Health Center.

---

## ORIGINALITY REPORT

---

11%

SIMILARITY INDEX

7%

INTERNET SOURCES

6%

PUBLICATIONS

0%

STUDENT PAPERS

---

## PRIMARY SOURCES

---

1

[ojs.akbidylpp.ac.id](http://ojs.akbidylpp.ac.id)

Internet Source

7%

---

2

Wen-Hung Huang, Ching-Wei Hsu, Yung-Chang Chen, Cheng-Chieh Hung, Jeng-Yi Huang, Ja-Liang Lin, Chih-Wei Yang.

"Angiotensin II Receptor Antagonists Supplementation is Associated with Arterial Stiffness: Insight from a Retrospective Study in 116 Peritoneal Dialysis Patients", Renal Failure, 2009

Publication

2%

---

3

A. Teubner, K. Morrison, H. R. Ravishankar, I. D. Anderson, N. A. Scott, G. L. Carlson.

"Fistuloclysis can successfully replace parenteral feeding in the nutritional support of patients with enterocutaneous fistula", British Journal of Surgery, 2004

Publication

2%

---

---

Exclude quotes Off

Exclude matches Off

Exclude bibliography Off