

THESIS

**THE CORRELATION BETWEEN SYMPTOM BURDEN AND THE LONG
TERM TO UNDERGO HEMODIALYSIS AMONG PATIENT WITH KIDNEY
FAILURE AT BLAMBANGAN HOSPITAL IN 2023**



By :

Mohammad Rafli Tegar Prayogi
2019.02.028

BACHELOR OF NURSING STUDY PROGRAM
BANYUWANGI INSTITUTE OF HEALTH SCIENCES

BANYUWANGI

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PREFACE

Praise to the presence of God Almighty for all His blessings and guidance so that the writer can complete the research thesis entitled " The Correlation Between Symptom Burden and The Long Term To Undergo Hemodialysis Among Patient With Kidney Failure at Blambangan Hospital in 2023", as one of the requirements to obtain a Bachelor of Nursing degree (S.Kep.) at the Bachelor of Nursing Study program, Banyuwangi Institute of Health Sciences

In this case the author has received a lot of help from various parties, therefore on this occasion the author would like to thank:

1. DR. H. Soekardjo as Chairperson of the Banyuwangi Institute of Health Sciences.
2. Ns. SHOLIHIN., M.Kep as the Head of the Bachelor of Nursing Study Program at Banyuwangi Institute of Health Sciences.
3. Masroni, S.Kep., Ns., M.S. (in Nursing) and Yulifah Salistia Budi, S.Kep., Ns., M.Kep as advisor 1 and advisor 2 who have taught and guided the author so that he can complete this thesis.
4. The Head of the Blambangan Hospital and all nursing and non-nursing staff who have always helped the author in obtaining information related to research.
5. Beloved parents and siblings who always provide motivation, support, and prayer to the writer.
6. The writer's friend, Shabrina Zhafira, who has provided all of her support in various ways during the writing of this thesis.
7. All REBORN members who always support the author in completing this thesis.
8. AMAN S1 Nursing class colleagues who also provided encouragement and support in completing this thesis assignment.

May God Almighty always provide smoothness in every step and repay all the kindness that has been given.

The author realizes that this research thesis still has many shortcomings in the writing, preparation or presentation of the material. For this reason, the writer expects criticism and suggestions from readers as material for completing the preparation of the next thesis and hopefully this research thesis will be useful for others all parties.

Banyuwangi, 30 August 2023
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Moh. Rafli Tegar Prayogi
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LIST OF ABBREVIATIONS

CKD	: <i>Chronic Kidney Disease</i>
ARF	: <i>Acute Renal Failure</i>
HD	: <i>Haemodialysis</i>
WHO	: <i>World Health Organization</i>
IRR	: <i>Indonesian Renal Registry</i>
Riskesdas	: <i>Riset Kesehatan Dasar</i>
GFR	: <i>Glomerular Filtration Rate</i>
CCT	: <i>Clearance Creatinine Test</i>
HIV	: <i>Human Immunodeficiency Virus</i>
CHF	: <i>Congestive Heart Failure</i>
IVP	: <i>Intra Venous Pyelography</i>
EKG	: <i>Electrocardiogram</i>
CAPD	: <i>Continues Ambulatory Peritoneal Dialysis</i>
DSI	: <i>Dialysis Symptom Index</i>
BUN	: <i>Blood Urea Nitrogen</i>
PSQI	: <i>Pittsburgh Sleep Quality Index</i>
CKDSI	: <i>CKD Symptom Index</i>
ESRD	: <i>End Stage Renal Disease</i>
SPSS	: <i>Statistical Package for the Social Sciences</i>
STATA	: <i>Statistical dan Data</i>

ABSTRACT

THE CORRELATION BETWEEN SYMPTOM BURDEN AND THE LONG TERM TO UNDERGO HEMODIALYSIS AMONG PATIENT WITH KIDNEY FAILURE AT BLAMBANGAN HOSPITAL IN 2023

By : Mohammad Rafli Tegar Prayogi

Background: Symptom Burden is defined as the subjective prevalence, frequency, and severity of symptoms that place a physiological burden on the patient and cause some negative physical or emotional response to the patient. Symptom burden plays an important role in patients undergoing hemodialysis. This study aimed to determine the relationship between symptom burden and the long-term to undergo hemodialysis among patients with kidney failure at Blambangan Hospital in 2023.

Method: This research is cross-sectional, with a purposive sampling technique. The total population in this study was 146 respondents, which fit the inclusion criteria. Data were obtained from the demographic and DSI questionnaires, and then Coding, Scoring, Tabulating, and Chi-Square tests were carried out with SPSS for Windows.

Result: This study shows that most of the respondents experienced a high symptom burden (57.7%), and respondents who underwent hemodialysis with a long term <1 year were (42.4%). Further analysis using the Chi-Square test obtained p value = 0.01 with an alpha value of 10%, meaning that the p value <0.1; thus, there is a significant relationship between symptom burden and the long-term hemodialysis among patients with kidney failure at Blambangan Hospital in 2023.

Conclusion: This research is important to measure the symptom burden experienced and to know how strong the effect is from long-term hemodialysis so that it can be useful for hemodialysis patients, families, and clinical practice in handling symptom burden.

Keywords: *Symptom Burden, Hemodialysis, Kidney Failure*