

**DETERMINANTS OF EARLY ANTENATAL CARE VISITS AMONG
PREGNANT WOMEN ATTENDING ANTENATAL CARE IN RURAL
GAMBIA.**

THESIS



Written by:

Babucarr Jassey

202110300056

**PROGRAM STUDI MAGISTER ADMINISTRASI RUMAH
SAKIT**

PROGRAM PASCASARJANA

UNIVERSITAS MUHAMMADIYAH YOGYAKARTA

2022/1443H

**Determinants of Early Antenatal Care Visit Among Pregnant Women
Attending Antenatal Care in Rural Gambia.**

THESIS

This thesis is submitted in partial fulfillment of the requirements for the degree of
Masters in Hospital Administration (MARS)

Department of Hospital Administration



Written and submitted by:

Babucarr Jassey

202110300056

**PROGRAM STUDI MAGISTER ADMINISTRASI RUMAH
SAKIT**

PROGRAM PASCASARJANA

UNIVERSITAS MUHAMMADIYAH YOGYAKARTA

2022/1443H

SUPERVISOR'S APPROVAL

**DETERMINANTS OF EARLY ANTENATAL CARE VISITS AMONG
PREGNANT WOMEN ATTENDING ANTENATAL CARE IN URAL
GAMBIA 2021**

THESIS

BABUCARR JASSEY

20211030056

Tanggal: 17th December, 2023

Supervisor,

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

Dr. dr. Arlina Dewi, M.Kes, AAK

NIK. 19683110200310173060

TESIS


**DETERMINANTS OF EARLY ANTENATAL CARE VISIT
AMONG PREGNANT WOMEN ATTENDING ANTENATAL
CARE IN URAL GAMBIA**


Diajukan Oleh
Babucarr Jassey
20211030056

Tesis ini telah dipertahankan dan disahkan di depan
Dewan Penguji Program Studi Magister Administrasi Rumah Sakit
Program Pascasarjana
Universitas Muhammadiyah Yogyakarta
Tanggal 16 Januari 2023

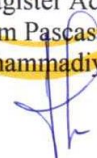
Yang terdiri dari


Dr. Qurratul Aini, SKG., M.Kes.
Ketua Tim Penguji


Dr. dr. Arlina Dewi, M.Kes., AAK.
Anggota Tim Penguji


dr. Iman Permana, M.Kes., Ph.D.
Anggota Tim Penguji

Mengetahui,
Ketua Program Studi Magister Administrasi Rumah Sakit
Program Pascasarjana
Universitas Muhammadiyah Yogyakarta


Dr. Elsy Maria Rosa, M.Kep.

PLAGIARISM STATEMENT

PLAGIARISM STATEMENT

I hereby declare that this thesis is not a plagiarism of the work of others but is the result of my own work. This thesis has never been published and tested in any form at any university. The sources of information originating or quoted in this thesis have been mentioned in the text and have been included in the bibliography at the end of this thesis.

Thus, I make this statement in full, if in the future there is a claim that this work belongs to someone else and is legally justified, then I am willing to face the consequences in accordance with applicable laws in any country.

Yogyakarta, 10th December 2022



Babucarr Jassey

CONTENTS

SUPERVISOR’S APPROVAL.....	3
PLAGIARISM STATEMENT.....	5
LIST OF ABBREVIATIONS AND ACRONYMS.....	9
INTRODUCTORY STATEMENT	10
ABSTRACT.....	11
CHAPTER I.....	12
INTRODUCTION	12
Background of the study	12
PROBLEM STATEMENT	14
JUSTIFICATION.....	15
STUDY QUESTIONS	16
2.5 OBJECTIVES	16
1. General objectives	16
2. Specific objectives	16
CHAPTER II.....	18
LITERATURE REVIEW.....	18
2.1. Overview of Antepartum Care Services (Antenatal Care Services)	18
2.2. Maternal Health	20
2.3. THEORITICAL FRAMEWORK.....	25
HL Bloom’s Theory on maternal health	25
THEORITICAL FRAMEWORK	28
Figure 1: Theoretical Framework	28
CONCEPTUAL FRAMEWORK	29
CHAPTER III	31
MATERIALS AND METHODS.....	31
3.1 Research Design.....	31
3.2 Population and Sample.....	31
3.2. Sampling technique and sample size determinations.....	31
3. Location and time of study.....	33
5. Variables	33
Table 3.2. OPERATIONAL DEFINITION	38
OPERATIONAL DEFINITION OF TERMS.....	42

CHAPTER IV.	43
RESULTS AND DISCUSSIONS	43
4.2 Discussions.....	55
4.2.1 socio-demographic factors	55
CHAPTER V:	62
CONCLUSION AND RECOMMENDATIONS.....	62
5.2 CONCLUSION.....	62
5.3 RECOMMENDATIONS	62
BIBLIOGRAPHY	65
APPENDICES Appendix 1: Consent form.....	71
Researcher’s statement.....	73
Appendix 2: Questionnaire	74
Appendix 3: SPSS 20 Output.....	77

LIST OF TABLES

Table 3.1 Sampling Framework	32
Table 3.2 Operational Definition	37
Table 4.1 Socio Demographic Factors of Early Antenatal Care Attendance in Rural Gambia	42
Table 4.2 Association of Socio-Demographic factors to Early ANC attendance in Rural Gambia	44
Table 4.3 Economic Factors of Early ANC Attendance in Rural Gambia	47
Table 4.4 Association of Economic Factors to Early ANC Attendance in Rural Gambia	48
Table 4.5 Accessibility to Antenatal Care service Centers	49
Table 4.6 Association of Accessibility to Early Antenatal Care Attendance in Rural Gambia	50
Table 4.7 Association of ANC awareness to Early ANC Attendance	50
Table 4.8 Multivariate Analysis of the Factors Associated to Early ANC Attendance in Rural Gambia	51
Table 4.9: Multivariate Analysis Of All The Variables With Their Respective Answers.....	52

LIST OF FIGURES

Figure 1: Theoretical Framework	28
Figure 2: Conceptual Framework	29
Figure 3: Level of Early Antenatal Care Attendance	45
Figure 4: Frequency of Early Antenatal Care Attendance	45
Figure 5: Awareness of Antenatal Care Services.....	49

LIST OF ABBREVIATIONS AND ACRONYMS

ANC	Antenatal care
AU	African Union
ARV	Antiretroviral drugs
CEMD	Confidential Enquiry of Maternal Death
FGM	Female Genital Mutilation
FP	Family Planning
GDHS	Gambia Demographic and Health Survey
Hb	Hemoglobin
HE	Health Education
HIV	Human Immunodeficiency Virus
KDHS	Kenya Demographic Health Survey
MMR	Maternal Mortality Rate
NDHS	Nigeria Demographic and Health Survey
NMR	Neonatal Mortality Rate
PMCT	Prevention of Mother to Child Transmission
PAC	Post Abortion Care
PN	Postnatal Care
PC	Prenatal Care
RH	Reproductive health
SDG	Sustainable Development Goals
SNHSP	Somalia National Health and Strategic Plan
SNAC	Somalia National AIDS Commission
SBA	Skilled Birth Attendant
UNICEF	United Nations Children's Fund
UNFPA	United Nations Population Fund
UNDP	United Nations Development Program
WHO	World Health Organization
WBG	World Bank Group

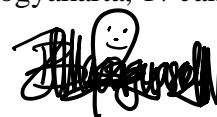
INTRODUCTORY STATEMENT

Praise and gratitude for the presence of the Omnipotent, the Omnipresent, The Omniscient, Allah (SWT) who has given grace, guidance, and countless blessings to the researcher that he finished the thesis entitled "**Determinants of Early Antenatal Care Visits Among Pregnant Women Attending Antenatal Care in Rural Gambia**" which was written to meet the requirements for the degree of Masters of Hospital Administration. Writing this thesis could not have been completed without the help of various parties. Therefore, the author would like to thank:

1. Prof. Dr. Ir. Gunawan Budiyanto, M.P., IPM as the “*Rector*” of Munhammadiyah University of Yogyakarta
2. Ir. Sri Atmaja P. Rosyidi, M.Sc.Eng., Ph.D., P. Eng.IPU., ASEAN.Eng as the director of Graduate School of Muhammadiyah University of Yogyakarta.
3. Dr. Elsy Maria Rosa., M.Kep as Head of Masters Study Program in Hospital Administration, Munhammadiyah University of Yogyakarta.
4. Dr.dr Arlina Dewi .M.Kes.,AAK as the supervisor who has helped and guided the author relentlessly from the beginning to the end of writing the thesis.
5. Dr. Buba Manjang as the director of Public Health Services, Ministry of Health, The Gambia and the Head of Maternal and Child Health Unit of the ministry, regional public health officers, field public health officers and the community health nurses in western II region of The Gambia for their countless support during the data collection and follow-up processes.
6. Family and close friends who always support the writer in carrying out all lecture activities up to the preparation of the thesis.
7. Friends of Master of Hospital Administration Batch 18B who always provide support, advice, and lots of information related to thesis research.
8. All parties who have helped in the preparation of this thesis proposal which the author cannot mention one by one but without reducing their gratitude.

The author realizes that this thesis is still not perfect, therefore, more critics and comments are welcomed for future improvement. Finally, the author hopes and prays that this thesis can be used as decision-making processes in the maternal and child health unit of MOH The Gambia.

Yogyakarta, 17 January 2023.



Babucarr Jassey