



Table of Contents

Table of Contents	3
List of Graphs	5
List of Figures	5
List of Tables	5
List of Abbreviations	6
STATEMENT OF AUTHENTICITY	8
ACKNOWLEDGEMENT	9
Abstract	10
CHAPTER I. INTRODUCTION	11
Background	11
Relevance	13
Problem Statement	15
Research Objective	18
General Objectives	18
Specific Objectives	19
Research Impact	19
Originality	19
CHAPTER II. LITERATURE REVIEW	21
Theoretical Framework	25
Conceptual Framework	29
Research Hypothesis Research Questions	30
Data collection and analysis	31
Strength and Limitation of the study	33
Chapter III. Research Methods	34
Research Type and Design	34
Study design	34
Research Settings and Time	35
Intervention	35
Research Subjects	36
Identification of Research Variables	37
Operational Definition of Research Variables	38
Data Collection and Research Instrument	41
Pre-testing of research tool	42
Data Analysis	42

Pre-testing of research tool.....	42
Data Analysis.....	42
Research Ethics.....	43
Positionality of Researcher.....	43
CHAPTER IV. RESULTS AND DISCUSSION.....	45
I. Result.....	45
A. Adherence of Field activity.....	45
B. Adherence to Awareness Program.....	54
C. Adherence of Referral.....	61
D. Adherence of POT distribution and Sputum Collection.....	67
E. Adherence of Lab Activities.....	73
F. Adherence to Doctor Consultancy.....	80
G. Adherence to Official Guideline and Infection Control.....	85
II. Discussion.....	93
1. Field Activity.....	93
2. Awareness Program.....	94
3. Referral.....	96
4. POT distribution and sputum collection.....	97
5. Lab Activities.....	98
6. Doctor consultancy.....	99
7. Official Guideline.....	100
CHAPTER V. CONCLUSION AND RECOMMANDATION.....	103
A. Conclusion.....	103
B. Recommendation.....	104
References.....	105
Annex.....	115
Inform consent.....	117
Interview Question 1.....	123
FGD Question part one.....	128
FGD Question part two.....	133
FGD Question part three.....	138
Research Team.....	140
Ethical Clearance UGM.....	141
Ethical clearance BMRC.....	142
Data collection permission.....	

List of Graphs

Graph 1: Case notification scenario and Covid-19 impact in Bangladesh (National Tuberculosis Program, 2022)	12
Graph 2: TB and Covid-19 Scenarios of Naogaon District during Covid-19	15

List of Figures

Figure 1: yearly projection of TB case notification in Naogaon District	13
Figure 3: Daily confirmed Covid-19 patient count (Shammi et al., 2021a)	14
Figure 5 Indonesian TB service disruption during covid-19 pandemic	16
Figure 6: Flow chart of TB case findings in Naogaon, Bangladesh	23
Figure 7: A theoretical framework for analysis and action to improve early case detection (Carroll et al., 2007)	27
Figure 8: Conceptual Framework	29
Figure 4: Map of Bangladesh (LGED, 2022)	35

List of Tables

Table 1: Summary of implementation adherence of field activity	52
Table 2: Summary of implementation adherence of field activity in TB awareness program	59
Table 3: Summary of implementation adherence of field activity in Referral activities	65
Table 4: Summary of implementation adherence of pot distribution and sputum collection	71
Table 5: Summary of implementation adherence of Lab Service	79
Table 6: Summary of implementation adherence of Doctor Consultancy	83
Table 7: Summary of implementation adherence of Official Guideline	91