

## TABLE OF CONTENTS

<b>TABLE OF CONTENTS.....</b>	<b>1</b>
<b>LIST OF FIGURES.....</b>	<b>4</b>
<b>LIST OF TABLES.....</b>	<b>5</b>
<b>LIST OF APPENDICES.....</b>	<b>6</b>
<b>CHAPTER 1.....</b>	<b>7</b>
<b>INTRODUCTION.....</b>	<b>7</b>
1.1. Background.....	7
1.2. Research Question.....	11
1.3. Research Objective.....	11
1.4. Benefits of Research.....	12
1.4.1 Theoretical and Academic Benefits.....	12
1.4.2 Practical Benefits.....	13
1.5. Research Systematics.....	14
<b>CHAPTER 2.....</b>	<b>16</b>
<b>LITERATURE REVIEW.....</b>	<b>16</b>
2.1. Patient Satisfaction.....	16
2.2. Nursing Ratios.....	21
2.3. Burnout.....	23
2.4. Interpersonal Communication Skills.....	29
2.5. Service Quality.....	31
2.6. Previous Research.....	33
2.7. Influence between Variables.....	46
2.7.1 Influence between Nursing Ratios and Service Quality.....	46
2.7.2 Influence between Burnout to Service Quality.....	46
2.7.3 Influence between Interpersonal Communication Skills and Service Quality.....	47
2.7.4 Influence between Nursing Ratios and Patient Satisfaction.....	47

2.7.5 Influence between Burnout to Patient Satisfaction.....	48
2.7.6 Influence between Interpersonal Communication Skills and Patient Satisfaction... ..	49
2.7.7 Influence between Service Quality and Patient Satisfaction.....	50
2.8. Previous Research Model.....	51
2.9. Conceptual Framework.....	54
<b>CHAPTER 3.....</b>	<b>56</b>
<b>RESEARCH METHOD.....</b>	<b>56</b>
3.1. Research Object.....	56
3.2. Unit of Analysis.....	56
3.3. Type of Research.....	56
3.4. Conceptual Definition and Operational Definition of Variables.....	57
3.5. Population and Sample.....	59
3.5.1 Research Population.....	59
3.5.2 Research Sample.....	59
3.5.3 Sampling Method.....	60
3.5.4 Determination of Sample Size.....	60
3.6. Data Collection Method.....	61
3.7. Research Instrument.....	61
3.7.1 Nursing Ratios.....	62
3.7.2 Burnout.....	62
3.7.3 Interpersonal Communication Skills.....	63
3.7.5 Patient Satisfaction.....	64
3.8. Data Analysis Method.....	65
3.8.1 Descriptive Statistics.....	65
3.8.2 Inferential Statistics.....	65
<b>CHAPTER 4.....</b>	<b>67</b>
<b>RESEARCH RESULTS AND DISCUSSION.....</b>	<b>67</b>

4.1. Respondent Profile.....	67
4.2. Descriptive Statistical Analysis.....	68
4.2.1 Descriptive Statistics of Nursing Ratios.....	69
4.2.2 Descriptive Statistics of Burnout.....	69
4.2.3 Descriptive Statistics of Interpersonal Communication Skills.....	71
4.2.4 Descriptive Statistics of Service Quality.....	73
4.2.5 Descriptive Statistics of Patient Satisfaction.....	76
4.3. Inferential Statistical Analysis.....	77
4.3.1 Outer Model (Measurement Model).....	78
4.3.1.1 Validity Testing.....	78
4.3.1.2 Reliability Testing.....	82
4.3.2 Inner Model (Structural Model).....	82
4.3.2.1 Multicollinearity and Variance Inflation Factor (VIF).....	83
4.3.2.2 Coefficient of Determination (R <sup>2</sup> ).....	84
4.3.2.3 Effect Size Value f-square (f <sup>2</sup> ).....	85
4.3.2.4 Q-square (Q <sup>2</sup> ) Predictive Relevance.....	85
4.3.2.5 Hypothesis Testing.....	86
4.3.2.6 Importance-Performance Map (IPMA) Analysis.....	89
4.4. Discussion.....	93
<b>CHAPTER 5.....</b>	<b>105</b>
<b>CONCLUSION AND RECOMMENDATIONS.....</b>	<b>105</b>
5.1. Conclusions.....	105
5.2. Managerial Implications.....	106
5.3. Research Limitations.....	107
<b>REFERENCES.....</b>	<b>108</b>

## LIST OF FIGURES

Figure 2.1. Theoretical model of Consonance Theory of Patient Satisfaction (Bernardo Oliber A. Arde, Jr., 2017).....	18
Figure 2.2. California RN to Patient nursing ratios (John Kasprak, 2004).....	22
Figure 2.3. Quarterly Nurse Staffing for Hospital Unit (Peng et al., 2023).....	23
Figure 2.4. Main factors and subfactors for burnout in nursing staff (Dall’Ora et al., 2020).....	26
Figure 2.5. Previous Research Model of Effect of Workload, Work Stress, Technical Skills, Self-Efficacy, and Social Competence on Medical Personnel Performance (Andiani & Jayanagara, 2023).....	52
Figure 2.6. Previous Research Model of Workload and Quality of Nursing Care (Maghsoud et al., 2022).....	52
Figure 2.7. Previous Research Model of The Effects of Work Satisfaction and Work Flexibility on Burnout in Nurses (Lee & Chang, 2022).....	52
Figure 2.8. Previous Research Model of Nurses’ Organization of Work and Its Relation to Workload in Medical Surgical Units (Ferramosca et al., 2023).....	53
Figure 2.9. Previous Research Model of The Relationship Between Nurse Staffing Ratio of Hospitals and Patient Satisfaction in Emergency Units (Okonkwo Onuigbo, 2024).....	53
Figure 2.10. Previous Research Model of The Analysis Of Relationship Between Communication Competence And Service Quality (Sahetapy & Jesajas, 2023).....	54
Figure 2.11. Previous Research Model of The Service Quality, Patient Satisfaction And It’s Impact To Patient Loyalty (Satyawati & Berlianto, 2022).....	54
Figure 2.13. Conceptual Framework of Factors Influencing Patient Satisfaction (Antonio et al., 2024; Handoko & Handayani, 2023; Maghsoud et al., 2022; Okonkwo Onuigbo, 2024; Sahetapy & Jesajas, 2023).....	55
Figure 4.1. Outer Model.....	78
Figure 4.2. Inner Model.....	83
Figure 4.3. IPMA Results Variables.....	92
Figure 4.4. IPMA Results Indicators.....	93

## LIST OF TABLES

Table 3.1. Conceptual Definition and Operational Definition of Variables.....	58
Table 4.1. Respondent Profile Characteristic.....	67
Table 4.2. Descriptive Analysis of the Nursing Ratios.....	69
Table 4.3. Descriptive Statistics Scale for Burnout.....	70
Table 4.4. Descriptive Analysis of the Burnout.....	70
Table 4.5. Descriptive Statistics Scale for Interpersonal Communication Skills.....	72
Table 4.6. Descriptive Analysis of the Interpersonal Communication Skills.....	72
Table 4.7 Descriptive Statistics Scale for Service Quality.....	73
Table 4.8. Descriptive Analysis of the Service Quality.....	74
Table 4.9 Descriptive Statistics Scale for Patient Satisfaction.....	76
Table 4.10. Descriptive Analysis of the Patient Satisfaction.....	76
Table 4.11. Validity Convergent.....	79
Table 4.12. Discriminant Validity.....	81
Table 4.13. Construct Reliability (Cronbach's Alpha dan Composite Reliability).....	82
Table 4.14. Multicollinearity and Variance Inflation Factor (VIF).....	84
Table 4.15. Coefficient of determination (R <sup>2</sup> ).....	84
Table 4.16. Effect Size Value f-square (f <sup>2</sup> ).....	85
Table 4.17. Q-square (Q <sup>2</sup> ) Predictive Relevance.....	86
Table 4.18. Proposition and Hypothesis Testing.....	86
Table 4.19. Importance-Performance Map (IPMA) Result.....	90

## **LIST OF APPENDICES**

Appendix A. ETHICAL CLEARANCE.....	123
Appendix B. INFORMED CONSENT.....	124
Appendix C. PATIENT QUESTIONNAIRE.....	126
Appendix D. NURSE QUESTIONNAIRE.....	128
Appendix E . PLS-SEM OUTER AND INNER MODEL.....	129
Appendix F. PLS-SEM TEST RESULT.....	130
Appendix G. TURNITIN.....	136
Appendix H. Thesis Supervisor's Approval.....	137
Appendix I. Thesis Examination Committee.....	138
Appendix J. Pernyataan Keaslian dan Persetujuan Unggah Tugas Akhir.....	139
Appendix K. Foreword.....	141