

TABLE OF CONTENTS

TITLE PAGE	i
APPROVAL PAGE	ii
AUTHENTICITY STATEMENT	iii
PREFACE	iv
TABLE OF CONTENTS	vi
LIST OF TABLES	ix
LIST OF FIGURES	x
LIST OF APPENDICES	xi
LIST OF ABBREVIATIONS	xii
ABSTRACT	xiii
INTISARI.....	xiv
CHAPTER I	1
A. Background	1
B. Problem Formulation	5
C. Research Objectives	6
D. Study Authenticity	6
E. Research Benefits	8
CHAPTER II.....	10
A. Literature Review	10
1. Breast cancer	10
2. Blood Components and Characteristics	17
3. Thrombocyte and Breast Cancer	20
4. Zeta Potential	22
5. Blood Absorbance with Spectrophotometer	24

6. ESR (Erythrocyte Sedimentation Rate)	25
B. Basic Theory	29
C. Theoretical Framework	31
D. Conceptual Framework	32
E. Hypothesis.....	33
CHAPTER III	34
A. Study Design	34
B. Time and Study Setting.....	34
C. Study Population and Subject	34
D. Sample Size.....	36
E. Sampling Method	36
F. Study Variables	36
G. Operational Definition of Variable	37
H. Study Materials and Tools	37
I. Study Procedures.....	38
J. Data Analysis Method.....	40
K. Ethical Consideration	41
CHAPTER IV	43
A. Result	43
1. Subject Characteristics	43
2. Platelet count.....	44
3. Erythrocyte Sedimentation Rate	45
4. Blood Absorbance Pattern with Spectrophotometer	46
5. Bpz Pattern	48
6. Deterministic and Stochastic Parameters in Absorbance Patterns	49
7. Deterministic and Stochastic Parameters in Bpz Pattern	50

8. Correlation between_Platelet Count with Deterministic and Stochastic Parameters in Absorbance Patterns	51
9. Correlation between Platelet count with Deterministic and Stochastic Parameters in Bpz Pattern	53
B. Discussion	54
1. Subject Characteristics	54
2. Platelet count	55
3. Erythrocyte Sedimentation Rate and Bpz Pattern	56
4. Blood Absorbance Pattern with Spectrophotometer	57
5. Deterministic and Stochastic Parameters in Absorbance Patterns and Bpz	58
6. Correlation between platelet count with Deterministic and Stochastic Parameters in Absorbance Patterns and Bpz Pattern	60
C. Study Limitation	63
CHAPTER V.....	64
A. Conclusion	64
B. Suggestion.....	65
REFERENCES.....	66
APPENDICES	72