

**TABLE OF CONTENT**

Content	Page
Cover page.....	i
Requirement page	ii
Test implementation page	iii
Approval page.....	iv
Validation page.....	v
Presentation page.....	vi
Statement.....	vi
Acknowledgement.....	vii
Table of contents.....	x
List of tables.....	xii
List of figures.....	xiii
List of attachments.....	xiv
Abstract	xv
Intisari	xvi
CHAPTER 1: INTRODUCTION	
A. BACKGROUND.....	1
B. PROBLEM FORMULATION.....	4
C. RESEARCH AUTHENTICITY.....	5
D. OBJECTIVE.....	6
E. STUDY BENEFIT.....	6
CHAPTER 2: LITERATURE REVIEW	
A. LITERATURE REVIEW	
1. Impression	
a. Definition and Function of Impression.....	7
b. Impression requirement.....	7
c. Types of Impression.....	8
2. Impression material Polyvinyl Siloxane	
a. Composition of Polyvinyl Siloxane.....	9
b. Characteristic of Polyvinyl Siloxane.....	9
c. Setting Reaction.....	11
d. Clinical Use.....	12
3. Chloroxylenol Disinfection	
a. Characteristic	12
b. Disinfectant mechanism	14
c. Disinfectant technique	14
d. PVS dimensional stability	
4. Dimensional Stability of Polyvinyl Siloxane	
a. Characteristic	15
b. Polyvinyl Siloxane Stability Measurement Technique	17



Content	Page
5. Dental stone	
a. Manipulation of dental stone.....	19
b. Setting time	19
A. THEORITICAL FOUNDATION	20
B. HYPOTHESIS.....	21
 CHAPTER 3: RESEARCH METHODOLOGY	
A. RESEARCH DESIGN.....	22
B. RESEARCH VARIABLE.....	22
1. Dependent Variable.....	23
2. Independent Variable.....	22
3. Controlled Variable.....	22
C. OPERATIONAL DEFINITION OF A VARIABLE.....	23
D. RESEARCH SUBJECT	23
E. RESEARCH MATERIALS AND TOOLS	
1. Materials.....	23
2. Tools.....	23
F. RESEARCH SUBJECT	
1. Determine the Research Sample.....	24
2. Making Master Cast and Individual Tray	24
3. PVS sample making	26
4. Duration of the impression	27
5. Filling the PVS impression.....	28
6. Measuring the Dimensional Stability.....	28
G. DATA ANALYSIS.....	29
H. RESEARCH PATHWAY	30
 CHAPTER 4: RESULT AND DISCUSSION	
A. RESULT	31
B. DISCUSSION	35
 CHAPTER 5: CONCLUSION	
A. CONCLUSION	38
B. SUGESTION	38
REFERENCE.....	39
ATTACHMENTS.....	41