

TABLE OF CONTENTS

|   | Page  |
|---|-------|
| Abstract. . . . .   | .V    |
| Table of contents. . . . .  | .VIII |
| List of tables. . . . .   | XI    |
| Chapter 1 Introduction. . . . .                                   | 1     |
| Background and significance of research<br>problem. . . . .       | .1    |
| Objectives of the study. . . . .                                  | .7    |
| Research questions. . . . .                                       | .8    |
| Scope of the study. . . . .                                       | .8    |
| Definition of terms. . . . .                                      | .9    |
| Chapter 2 Literature Reviews and<br>Conceptual Framework. . . . . | .11   |
| Literature reviews and related researches. . . . .                | .11   |
| Conceptual framework. . . . .                                     | .37   |
| Chapter 3 Methodology. . . . .                                    | 38    |
| Design of the study. . . . .                                      | 38    |
| Subjects. . . . .   | .38   |
| Instrumentation. . . . .  | 39    |
| Content validity and reliability . . . . .                        | 41    |
| Data collection procedure. . . . .                                | 42    |
| Analysis of data. . . . .   | .43   |

|   | Page |
|---|------|
| Chapter 4 Findings and Discussion. . . . .  | 44   |
| Part one: The demographic data<br>of the subjects. . . . .  | 45   |
| Part two: Description of the knowledge<br>toward AIDS of the subjects. . . . .  | 51   |
| Part three: Description of the attitudes<br>toward AIDS of the subjects. . . . .  | 55   |
| Part four: Description of universal<br>precautions practices<br>of the subjects . . . . .   | 57   |
| Part five: The relationships among the<br>knowledge and attitudes toward<br>AIDS and universal precautions<br>practices of nurses<br>at PUMC hospital . . . . . | 61   |
| Discussion. . . . .   | 64   |
| Summary of the results . . . . .  | 79   |
| Chapter 5 Conclusions and Recommendations. . . . .  | 81   |
| Findings and conclusion. . . . .  | 82   |
| Implication of findings . . . . .   | 83   |
| Limitations of the study. . . . .   | 84   |
| Recommendations. . . . .  | 85   |

|   | Page          |
|---|---------------|
| References . . . . .                          | 86            |
| Appendices                                    |               |
| Appendix A Instruments . . . . .              | 94            |
| Part I: Demographic data                      |               |
| Part II: Knowledge Toward AIDS Questionnaire  |               |
| Part III: Attitudes Toward AIDS Questionnaire |               |
| Part IX: Universal                            |               |
| Precautions Practices                         |               |
|   | Questionnaire |
| Appendix B Letter for Invitation . . . . .    | 107           |
| Appendix C . . . . .                          | 108           |
| Appendix D List of experts . . . . .          | .118          |
| Curriculum vitae . . . . .                    | 119           |

## LIST OF TABLES

| Tables  | Page |
|---|------|
| 1. Frequencies, percentages of the subjects' demographic characteristics divided into age, marital status and educational level. . . . .  | 45   |
| 2. Frequencies, percentages of the subjects' demographic characteristics divided into years of working, area of nursing practice and present position. . . . .  | 47   |
| 3. Frequencies, percentages of the subjects' demographic characteristics divided into attending training of AIDS, experience of caring AIDS patients, attending training of universal precautions, using UP is essential and problem in implementing universal precautions. . . . . | 49   |
| 4. Mean, standard deviation, range and level of knowledge toward AIDS of the subjects. . . . .  | 51   |
| 5. Mean, standard deviation, and level of knowledge toward AIDS of the subjects divided into diploma nurses and associate degree nurses. . . . .  | 52   |

| Tables  | Page |
|---|------|
| 6. Mean and standard deviation of each aspect of knowledge toward AIDS of the subjects. . . . .   | 53   |
| 7. Mean and standard deviation of each aspect of knowledge toward AIDS of the subjects divided into diploma nurses and associate degree nurses. . . . . | 54   |
| 8. Mean, standard deviation and range of attitudes toward AIDS of the subjects. . . . .   | 55   |
| 9. Mean and standard deviation of attitudes toward AIDS of the subjects divided into diploma nurses and associate degree nurses. . . . .                | 56   |
| 10. Mean, standard deviation and range in universal precautions practices of the subjects. . . . .  | 57   |
| 11. Mean and standard deviation in universal precautions practices of the subjects divided into diploma nurses and associate degree nurses. . . . .     | 58   |
| 12. Mean and standard deviation of each aspect of universal precautions practices of the subjects. . . . .  | 59   |

| Tables   | Page |
|--|------|
| 13. Mean and standard deviation of each aspect of universal precautions practices of the subjects divided into diploma nurses and associate degree nurses. . . . .                 | 60   |
| 14. Partial correlation coefficient between the knowledge and the attitudes toward AIDS when controlling the universal precautions practices of the subjects. . . . .              | 61   |
| 15. Partial correlation coefficient between the attitudes toward AIDS and the universal precautions practices when controlling the knowledge of the subjects. . . . .              | 62   |
| 16. Partial correlation coefficient between the knowledge toward AIDS and the universal precautions practices when controlling the attitudes toward AIDS of the subjects . . . . . | 63   |