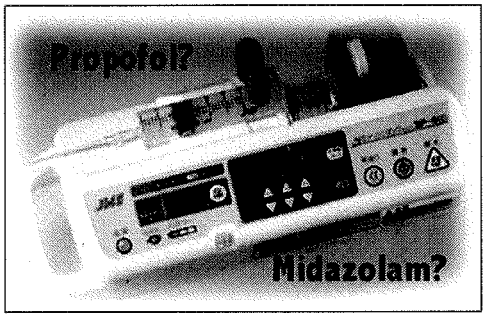
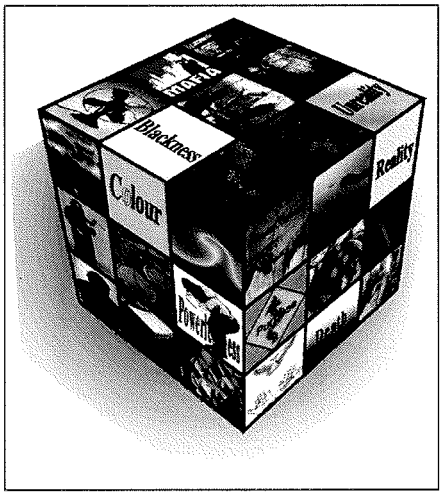
DOCTOR OF NURSING RESEARCH PORTFOLIO

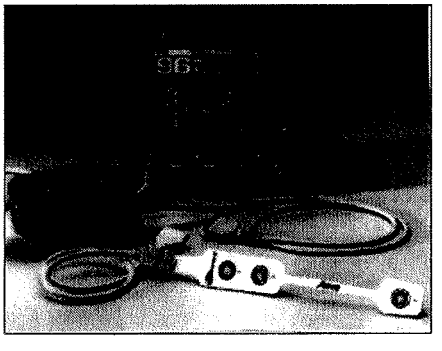
Sedation of Adult Ventilated Patients in the Intensive Care Unit.

Department of Clinical Nursing

The University of Adelaide







Judith Magarey 2002

Submitted for the Degree of Doctor of Nursing

CONTENTS

PORTFOLIO OVERVIEW

This research portfolio is comprised of the following sections:

Introduction to the topic

The research reports:

- The Effectiveness of Propofol versus Midazolam for the Sedation of Adult Ventilated Patients in Intensive care Units (ICUs) A Systematic Review. (completed 2000)

- The Efficacy of an Alternative Sedation Regimen Compared to the Existing Regimen for the Sedation of Adult Ventilated Patients in Intensive Care, (study not completed).

- A Descriptive Study To Explore Patients' Memories of Their Stay In An Intensive Care Unit (ICU) And To Investigate The Association of Their Memories with the Sedation Regimens Used. Completed 2001.

- A Study to Investigate The Association between the Critical Illness Sedation Scale (CISS), Independent Clinical Judgment and The Bispectral Index of EEG for the Assessment of Sedation of Ventilated Patients in an Intensive Care Unit (ICU). Completed 2001.

Portfolio Conclusion

Publications

INTRODUCTION TO THE TOPIC

The topic of this doctoral portfolio is sedation of adult ventilated patients in the Intensive Care Unit (ICU). The three completed components of the portfolio consider three very different aspects of this topic. The systematic review evaluates the literature relating to the effectiveness of two of the most common agents used to sedate patients in the ICU, while the second study investigates memories of sedated patients. The final study investigates the relationship between the Bispectral Index of the EEG monitoring compared to a clinical assessment scale for the assessment of the level of sedation in ICU patients.