Evaluation of the efficiency of the Noninvasive positive Pressure ventilation in comparison to the conventional Mechanical ventilation in management of acute Respiratory failure

Thesis submitted in partial fulfillment of the M.D.degree in anaesthesia

By
Ayman Ahmed El sayed Kasem
(MB.Bch-M.Sc. Ain Shams University)

Under supervision of

Professor Doctor / Salwa Mehanny Abdel Malak
Professor of Anaesthesia & Intensive Care
Faculty of Medicine, Ain Shams University

Professor Doctor / Alaa Eid Mohamed
Professor of Anaesthesia & Intensive Care
Faculty of Medicine, Ain Shams University

Doctor / Amr Esamel Din El-Hennami
Assistant professor of Anaesthesia & Intensive Care
Faculty of Medicine, Ain Shams University

Doctor / Mohamed Mohamed Nabil El-Shafei
Lecturer of Anaesthesia & Intensive Care
Faculty of Medicine, Ain Shams University

Faculty of Medicine
Ain Shams University
2005

List of Tables

List of Figures

Introduction and Aim of the Work

Review of Literature

Subject and Methods

The Results

DISCUSSION

Conclusion

Summary

References

Arabic Summary

Acknowledgment

First, thanks are all due to **God** for blessing this work until it has reached its end, as a part of his generous help throughout my life.

Words can not express my deepest thanks gratitude to Prof. Dr. **Salwa Mehanny Abd-El-Malak**, professor of Anaesthesia and Intensive Care, Faculty of Medicine, Ain Shams University, for her great support and continuous encouragement throughout this whole work. It is a great honor to work under her guidance and supervision.

I am truly grateful to Prof. Dr. **Alaa Eid Mohamed**, professor of Anaesthesia and Intensive Care, Faculty of Medicine, Ain Shams University, for his close supervision, sincere help, valuable suggestions and continuous encouragement throughout the whole work.

My deepest appreciation and grateful thanks are due to Dr. **Amr Essamel-Din El-Hennami**, Assistant professor of Anaesthesia and Intensive Care, Faculty of Medicine, Ain Shams University, for his kind advise and his great efforts throughout this work.

My deepest gratitude goes to Dr. **Mohamed Nabil El-Shafie**, Lecturer of Anaesthesia and Intensive Care, Faculty of Medicine, Ain Shams University for his continuous support and faithful guidance.

Ayman Ahmed Kasem