

# بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



HOSSAM MAGHRABY



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم  
قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
علي هذه الأقراص المدمجة قد أعدت دون أية تغييرات



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بالرسالة صفحات

لم ترد بالأصل



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# STUDY ON OXYGEN THERAPY & MONITORING

B 10670

Thesis

Submitted For The Partial Fulfillment of  
The Master Degree In Pediatrics.

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1995

﴿قال كلاً إن معي ربي سيهدين﴾

[سورة الشعراء - آية ٦٢]

*TO MY PARENTS*

*Who gave everything  
and took nothing*

## **ACKNOWLEDGEMENT**

First of all, I thank God to whom I relate any success in achieving any work in my life.

I would like to express my deepest thanks and gratitude to *Dr. Nadia Badrawi*, Professor of Pediatrics, Faculty of Medicine, Cairo University for supervising this work; and for sparing so much time in revising every single step in this work. I am actually indebted to her generous encouragement, continuous support, and kind interest.

I wish to express my sincere gratitude and appreciation to *Dr. Mohammed Badawi* , Assistant Professor of Pediatrics and *Dr. Manal El Sayed*, Lecturer of Pediatrics, Faculty of Medicine, Cairo University for their kind useful suggestions and wise systemic approach left their prints on the work.

*El Sayed Abd El-Mordy*

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## LIST OF ABBREVIATIONS

<i>BPD</i>	Bronchopulmonary dysplasia.
<i>CPAP</i>	Continuous positive airway pressure.
<i>CS</i>	Cesarean section.
<i>DA</i>	Ductus arteriosus.
<i>2,3- DPG</i>	Diphosphoglycerate..
<i>ECMO</i>	Extracorporeal membrane oxygenation..
<i>ETT</i>	Endotracheal tube.
<i>F<sub>i</sub>O<sub>2</sub></i>	Fraction of inspired oxygen.
<i>Hb</i>	Hemoglobin.
<i>HbA</i>	Adult Hemoglobin.
<i>HbF</i>	Fetal Hemoglobin
<i>HMD</i>	Hyaline membrane disease
<i>IPPV</i>	Intermittent positive pressure ventilation.
<i>IVH</i>	Intra-Ventricular Hemorrhage
<i>KPa</i>	Kilopascal.
<i>L / S</i>	Lecithin / Sphingomyelin.
<i>MAS</i>	Meconium Aspiration Syndrome
<i>NEC</i>	Necrotizing enterocolitis.
<i>PaO<sub>2</sub></i>	Arterial oxygen tension.

<i>PAO<sub>2</sub></i>	Alveolar oxygen tension.
<i>PA-aO<sub>2</sub></i>	Difference between Alveolar and arterial oxygen tension.
<i>PACO<sub>2</sub></i>	Alveolar carbon dioxide tension.
<i>PAP</i>	Pulmonary artery pressure.
<i>PCO<sub>2</sub></i>	Carbon dioxide tension.
<i>PDA</i>	Patent ductus arteriosus.
<i>PEEP</i>	Positive end expiratory pressure.
<i>P<sub>i</sub>O<sub>2</sub></i>	Inspired oxygen tension.
<i>PIE</i>	Pulmonary interstitial emphysema.
<i>PO<sub>2</sub></i>	Oxygen tension.
<i>PPH</i>	Persistent pulmonary hypertension.
<i>Pt<sub>c</sub>O<sub>2</sub></i>	Transcutaneous oxygen tension.
<i>P<sub>v</sub>O<sub>2</sub></i>	Mixed venous oxygen tension..
<i>RDS</i>	Respiratory distress syndrome.
<i>ROP</i>	Retinopathy of prematurity.
<i>SO<sub>2</sub></i>	Oxygen saturation.
<i>SP</i>	Surfactant protein.
<i>St<sub>c</sub>O<sub>2</sub></i>	Transcutaneous oxygen saturation.
<i>T<sub>2</sub></i>	Inspiratory Time.
<i>TTN</i>	Transient tachypnea of the newborn.
<i>VSD</i>	Ventricular septal defect.

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***INTRODUCTION  
AND  
AIM OF THE WORK***