



شبكة المعلومات الجامعية

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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

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The Role of Non-Invasive Continuous Positive Pressure Ventilation in the Intensive Care Unit

THESIS

Submitted in partial fulfillment of the requirements
for the master degree in Anesthesia and Intensive
care

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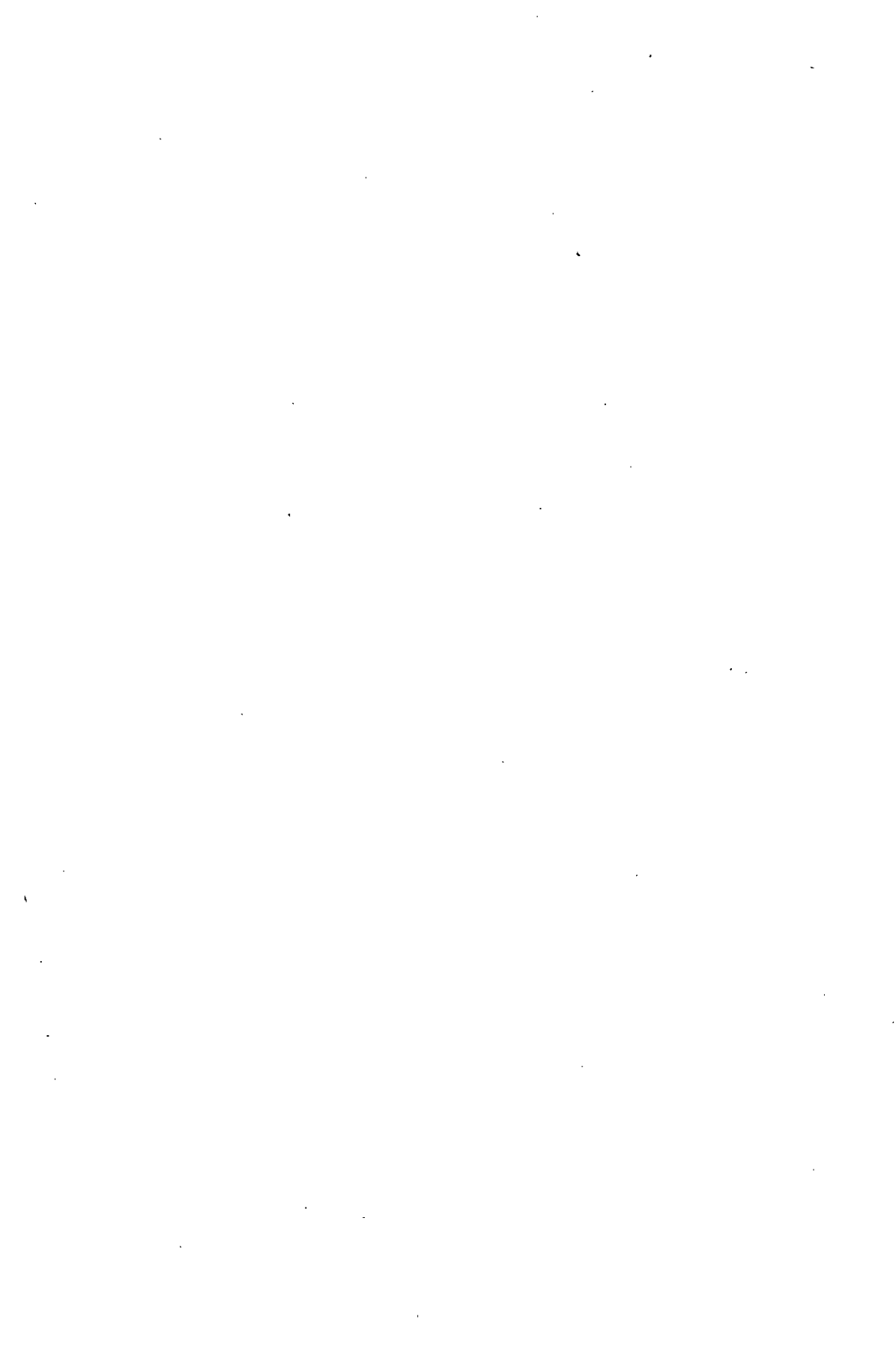
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2002

B o 2 N 1

**TO THE MEMORY OF
MY FATHER**
who has taught me that
**MAN IS VALUED BY
THE KNOWLEDGE
HE HAS**



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LIST OF ABBREVIATIONS

ARF = Acute respiratory failure

AV = Alveolar ventilation

BAL = Bronchoalveolar lavage

CaO₂ = Arterial oxygen content

CO = Carbon monoxide

COPD = Chronic obstructive pulmonary disease

CPAP = Continuous positive airway pressure

CvO₂ = Mixed venous oxygen content

DO₂ = Systemic oxygen transport

ETI = Endotracheal intubation

FEV₁ = Forced expiratory volume in one second

FEV₁ / FVC = Ratio between forced expiratory volume in one second and forced vital capacity

FiO₂ = Inspired oxygen fraction

FMCPAP = Facemask continuous positive airway pressure

FOB = Fiberoptic bronchoscopy

FRC = Functional residual capacity

FVC = Forced vital capacity

HR = Heart rate

ICU = Intensive Care Unit

MAP = Mean arterial blood pressure

MSV = Maximal sustainable ventilation

MV = Mechanical ventilation

NIV = Non-invasive ventilation

NPPV = Non-invasive positive pressure ventilation

PaCO₂ = partial pressure of CO₂ in arterial blood

PaO₂ = partial pressure of O₂ in arterial blood

PaO₂ / FiO₂ = Ratio between partial pressure of O₂ in arterial blood and inspired oxygen fraction

PEEP = Positive end-expiratory pressure

PEEPi = Intrinsic positive end-expiratory pressure

PSV = Positive support ventilation

Qt = Cardiac output

RR = Respiratory rate

SaO₂ = Arterial oxygen saturation

TV = Tidal volume

VCO₂ = Metabolic production of CO₂

V_d = Dead space volume

VE = Minute alveolar ventilation

VO₂ = Rate of oxygen consumption

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