

بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



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شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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جامعة عين شمس

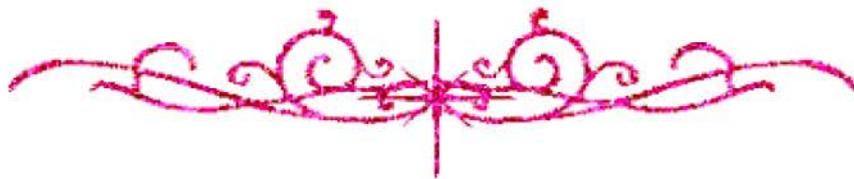
التوثيق الإلكتروني والميكروفيلم
قسم

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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Nocturnal Desaturation in Patients with Chronic Obstructive Pulmonary Diseases

THESIS

Submitted for fulfillment of the M. D. Degree
(Respiratory Medicine)

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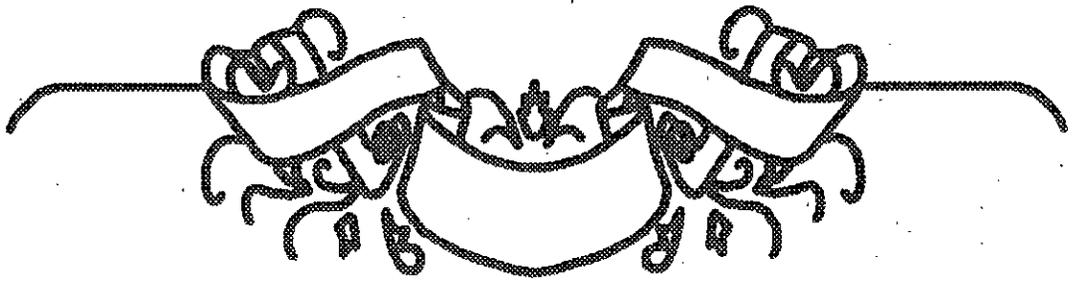
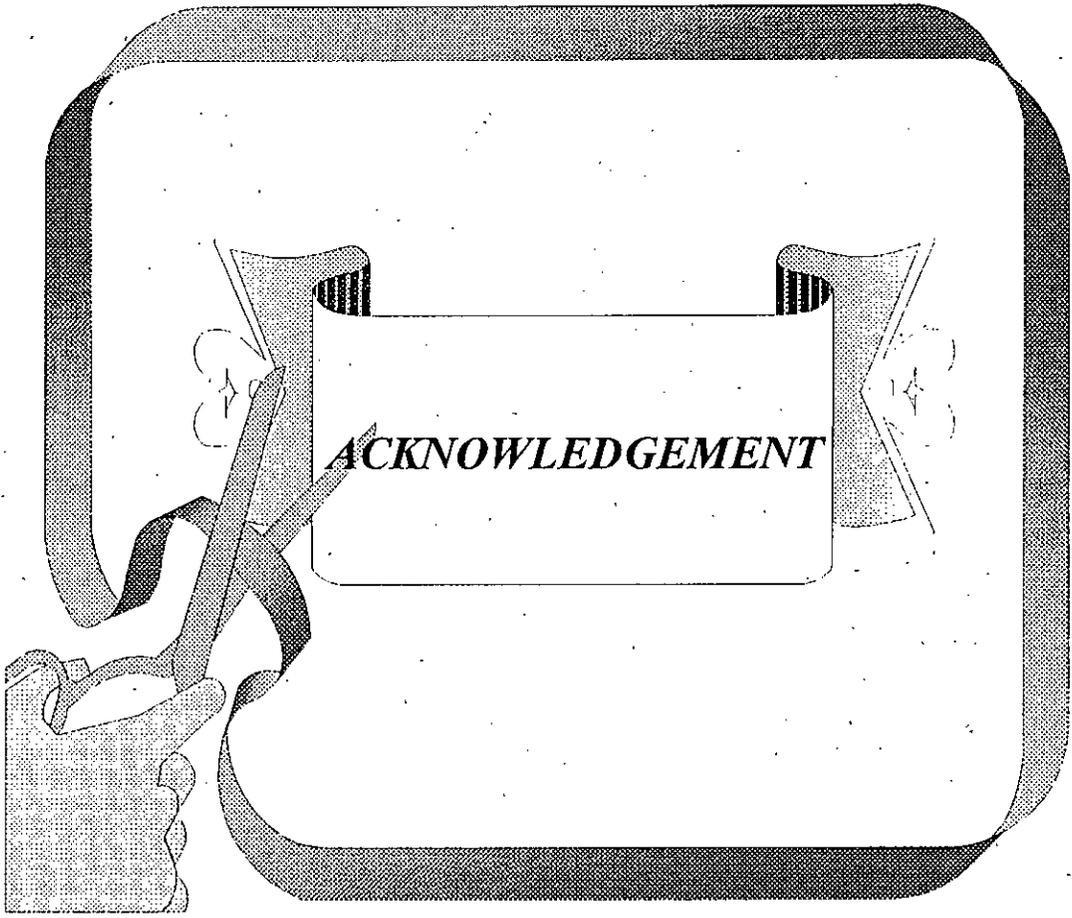
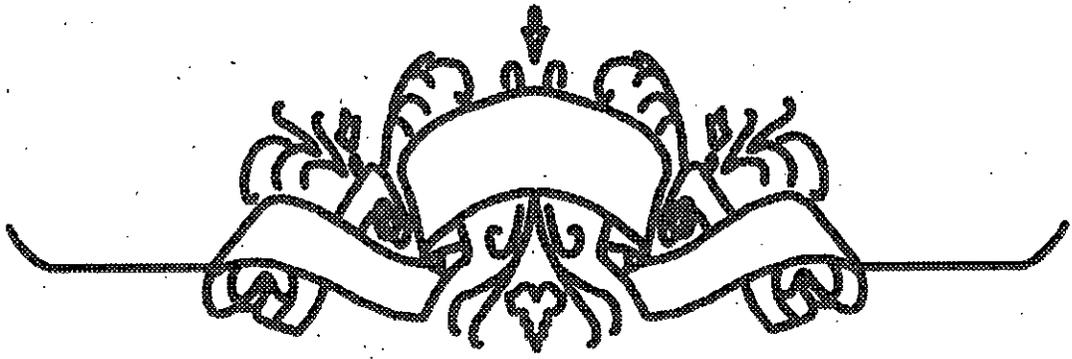
Faculty of Medicine
Assiut University

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(سورة يوسف ، آية ٧٦ ك .)

*To The Memory of
My Mother
and
To My Family*



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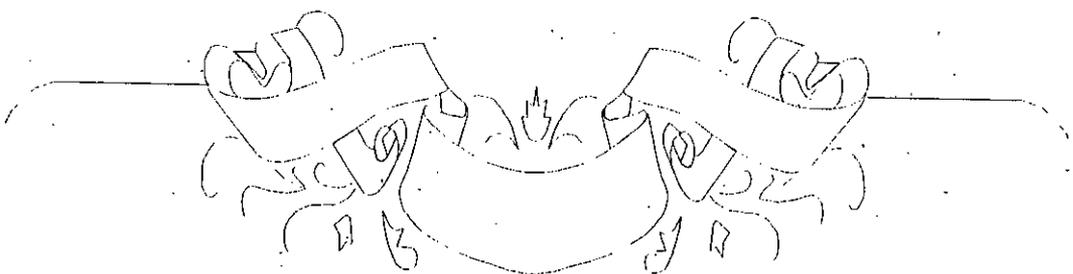
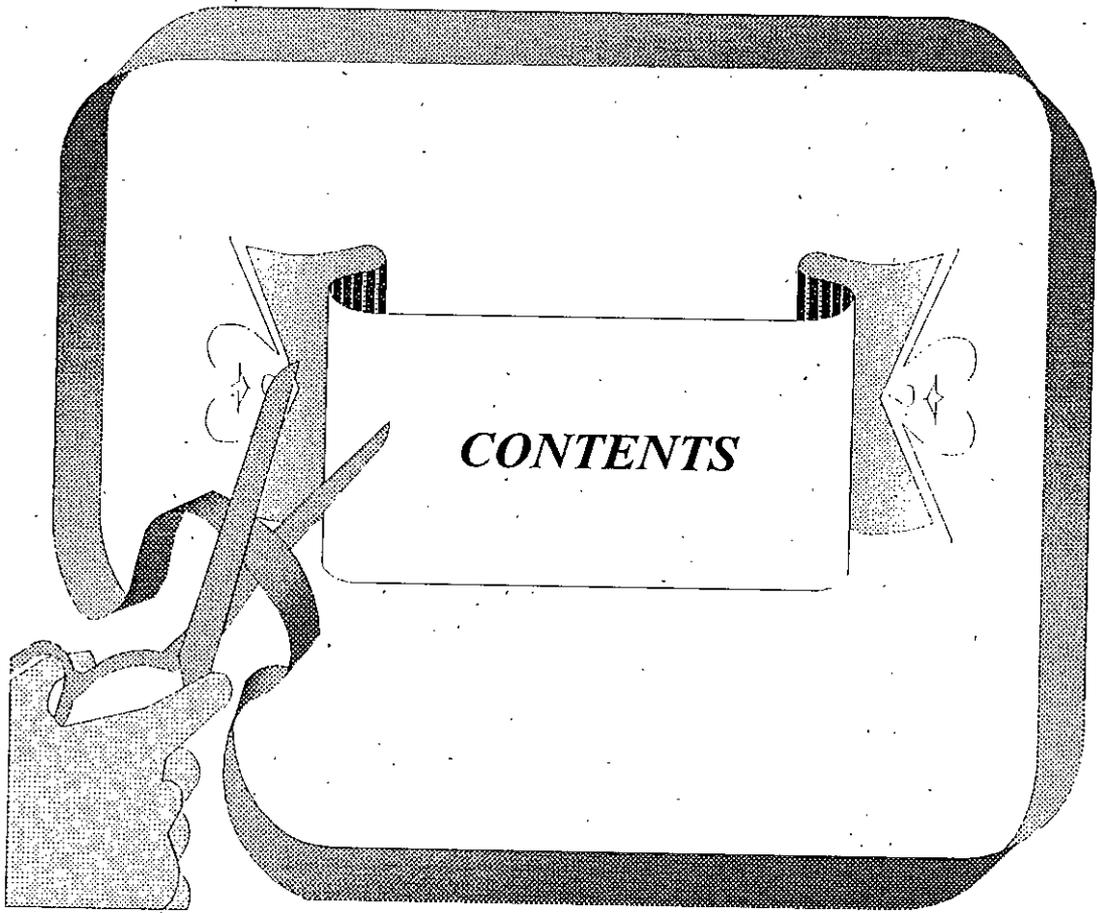
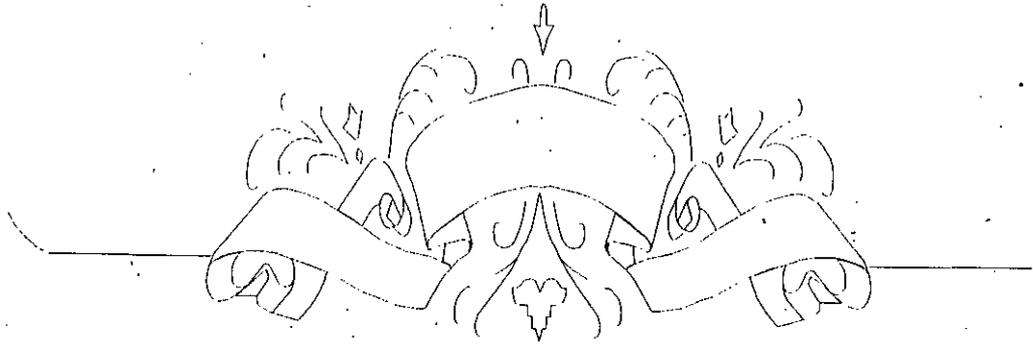
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List of Abbreviations

AcT	: Acceleration time.
BMI	: Body mass index.
BMR	: Basal metabolic rate.
CO	: Carbon monoxide.
COPD	: Chronic obstructive pulmonary disease.
CPAP	: Continuous positive airway pressure.
ED	: Exercise desaturation.
EEG	: Electroencephalogram.
EMG	: Electromyogram.
FEV ₁	: Forced expiratory volume in 1 second.
FRC	: Functional residual capacity.
Hb	: Haemoglobin.
Ht	: Haematocrit.
IMP	: Inspiratory mouth pressure.
IVPF	: Isovolum pressure-flow.
Kco	: CO transfer factor coefficient = $TLCO/V_A$.
KPa	: Kilopascal.
LAT	: Lactic acidosis threshold.
LTOT	: Long term oxygen therapy.
MEFV	: Maximum expiratory flow volume.
MPA	: Medroxyprogesterone acetate.
NOD	: Nocturnal oxygen desaturation.
Non-REM	: Non rapid eye movement.
OSAS	: Obstructive sleep apnoea syndrome.
P _{0.1}	: Pressure in the 1st 0.1 second of occluded inspiration.
PaCO ₂	: Partial pressure of arterial carbon dioxide.
P _A O ₂	: Partial pressure of alveolar oxygen.
PaO ₂	: Partial pressure of arterial oxygen.
PDI	: Transdiaphragmatic pressure.
PEEP	: Positive end expiratory pressure.
PEEPi	: Intrinsic positive end expiratory pressure
PEmax	: Maximum expiratory mouth pressure.
PImax	: Maximum inspiratory mouth pressure.
REM	: Rapid eye movement.
RV	: Residual volume.
SAHS	: Sleep apnoea-hypopnoea syndrome.

SaO ₂	: Arterial oxygen saturation.
TF-IMT	: Target flow inspiratory muscle training.
TLC	: Total lung capacity.
TLCO	: Transfer factor
TSaO ₂	: Duration of time of SaO ₂ <90.
V _A	: Alveolar ventilation.
V _A /Q	: Ventilation/Perfusion ratio.
VC	: Vital capacity.
VO ₂	: O ₂ consumption per minute.
Vr	: Relaxation volume.

