شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم

شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

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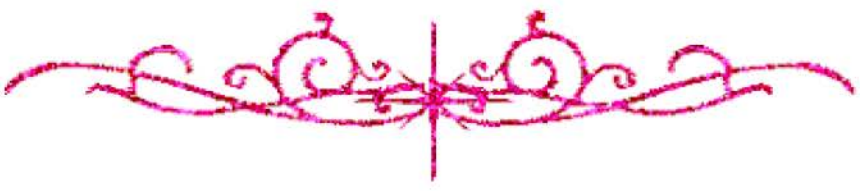

بالرسالة صفحات لم ترد بالأصل

DIRECT EXTUBATION VERSUS PRESSURE SUPPORT AND/ OR SYNCHRONIZED INTERMITTENT MANDATORY VENTILATION IN MECHANICALLY VENTILATED PATIENTS FULFILLING WEANING CRITERIA

Thesis submitted for partial fulfillment
Of M.SC degree in chest diseases

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Acknowledgment

I thank Allah who granted me the ability to complete the work of this study.

I would like to express my supreme gratitude to ***Prof. Mohammad Abdel-Sabour,*** *Professor of Chest Diseases, Faculty of Medicine, Ain Shams University, for his continuous guidance, his close supervision, criticism and valuable instructions throughout this study.*

I would like also to express my deep thanks and supreme gratitude to ***Dr. Lila Ashour Helala,*** *Assistant Professor of Chest Diseases, Faculty of Medicine, Ain Shams University, for her continuous guidance, and helpful supervision all through this work.*

I would like also to express my deep thanks to all the staff of Respiratory ICU, Abbasia Chest Hospital, for their cooperation and valuable help in the practical part of this study.

I am also deeply thankful to all the staff of the Chest Department, Ain Shams University, for their cooperation and encouragement.

Khamees Rizk Mohammad

2002

CONTENTS

ABBREVIATIONS

V_T	Tidal volume
ABG	Arterial blood gases
ADH	Antidiuretic hormone
AHRF	Acute hyperemic respiratory failure
ANF	Atrial natriureteric factor
ARDS	Adult respiratory distress syndrome
ARF	Acute respiratory failure
CaO_2	Arterial O_2 content
C_{dyn}	Dynamic compliance
CMV	Controlled or (conventional) mandatory ventilation
CNS	Central nervous system
CO	Carbon monoxide
COPD	Chronic obstructive pulmonary disease
C_{stat}	Static compliance
CVO_2	Mixed venous O_2 content
CVP	Central venous pressure
Diabetic KA	Ketoacidosis
DLV	Differential lung ventilation
DO_2	O_2 delivery to the tissues
E	Elastance
EHFO	External high frequency oscillation
EPAP	Expiratory positive airway pressure
$EtPCO_2$	End-tidal C O_2 tension
F=RR	Respiratory rate (or frequency)
FEV_1	Forced expiratory volume in the 1^{st} second
FIO_2	Inspired O_2 fraction
FRC	Functional residual capacity
Hb%	Hemoglobin content of the blood (gm/dl)
HFCWC	High frequency chest wall compression
HFJV	High frequency jet ventilation
HFO	High frequency oscillation
HFPPV	High frequency positive pressure ventilation
HFV	High frequency ventilation
I/E ratio	Inspiration /expiration time ratio
IMV	Intermittent mandatory ventilation
IPPV	Intermittent positive-pressure ventilation
KP	Intracranial pressure
MEP=PEmax	Maximal expiratory pressure
MIP=PImax = MIF	Maximal inspiratory pressure Maximal inspiratory force
MV	Mechanical ventilation

MVV	Maximum voluntary ventilation
P 0.1	Mouth occlusion pressure after 0.1 Sec.
PA	Alveolar pressure
Pa	Pulmonary arterial pressure
PA-aO2= PAaO2 =A-apO2	= Alveolar- arterial O_2 tension difference
Pabd	Abdominal pressure
PaC	Pulmonary artery catheter
PACO2	Alveolar C O_2 tension
PaCO2	Partial arterial carbon dioxide tension
PaC O2-EtPCO2=Pa-EtC O2	Arterial to end tidal C O2 tension gradient
PaO2	Partial arterial oxygen tension
PaO2/FI O2	Arterial O_2 tension to inspired O_2 fraction ratio
PaO2/PA O2	Arterial-alveolar O_2 tension ratio
P B	Barometric pressure
PC-IRV	Pressure-controlled inverted ratio ventilation
PCV	Pressure controlled ventilation
PCWP	Pulmonary capillary wedge pressure
Pdi	Trans-diaphragmatic pressure
PEEP	Positive-end expiratory pressure
P PK	Peak airway pressure
PPL	Plateau airway pressure
PPI	Pleural pressure
PSV	Pressure-support ventilation
Ptm	Transmural pressure
Pv	Pulmonary venous pressure
PVO2	Mixed venous O_2 tension
Qs	Shunted blood
Qs/QT	Shunt fraction
QS/QT1	Shunt fraction just after the start of mechanical ventilation
QS/QT2	Shunt fraction during weaning
QT	Cardiac output (L/min) (0r total perfusion)
R	Airway resistance (or respiratory exchange ratio)
RF	Respiratory failure
RICU	Respiratory intensive care unit
S.K+	Serum potassium level (meq/L)
S.prot.	Serum protein level (gm / dL)
SaO2	Arterial O_2 saturation
SD	Standard deviation
SIMV	Synchronized intermittent mandatory ventilation
SV O2	Mixed venous O_2 saturation
TcPC O2	Transcutaneous C O_2 tension

TcP O_2	Transcutaneous O_2 tension
VA P	Ventilator associated pneumonia
V=VE	Minute ventilation (Expired minute volume)
VA	Alveolar ventilation
VA/Q	Ventilation / perfusion ratio
VC	Vital capacity
VC O_2	Tissue CO_2 production
VD/VT	Dead space ventilation
V O_2	Tissue O_2 consumption
VT/TI	Tidal volume to inspiratory time ratio