





ثبكة المعلومات الجامعية





جامعة عين شمس

التوثيق الالكتروني والميكروفيلم



نقسم بللله العظيم أن المادة التي تم توثيقها وتسجيلها علي هذه الأفلام قد اعدت دون آية 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 %



ثبكة المعلومات الجامعية







Hepatocyte Growth Factor in Critically Ill Patients

Thesis

Submitted for Partial Fulfillment
of Master Degree in Paediatrics
Presested By
Sherine Nader Mahmoud
(M.B; B.Ch.)

Supervised By

Assistant Professor

Dr. Tarek Abd El Gawad

Assistant Prof. of Paediatrics
Ain Shams University

Assistant Professor

Dr. Mahmoud Tarek Abdel Monim

Assistant Prof. of Paediatrics
Ain Shams University

Assistant Professor

Dr. Hala Talkhan

Assistant Prof. of Clinical Pathology
Ain Shams University

Faculty of Medicine
Ain Shams University
2001

B 9911

بِيمُ إِنَّ الْجُزِّ الْجُحَرِي

﴿ قالوا سُبُجَانِكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَمْتَنَا إِنْكَ أَنْتِ الْعَلْيَمُ الْحَكِيمِ }

صدق الله العظيم

سورة البقرة، أية ٣٢

Dedicated to My Family

A HOW PHOSIS.

Acknowledgement

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

I find no words by which I can express my sincere thanks, supreme gratitude to **Dr. Tarek Abd El Gawad,** Assistant professor of paediatrics, Ain Shams University, who kindly offered me the generous encouragement, supervision, guidance and continuous support.

I am deeply grateful to **Dr. Mahmoud Tarek Abdel Monim,** Assistant professor of paediatrics, Ain

Shams University, for his kind patience, sincere advice

and for his close supervison cooperation and

tremendous effort all through this study. Any attempt

to express my indebtedness to him will be far from

being complete.

I would like also to express my great thanks to **Dr**. **Hala Talkan**, Assistant professor of Clinical Pathology, Ain Shams University, for her assistance, help and advice in the laboratory work of this thesis.

I would like also to thank **Prof. Dr. Mohamed N. El Barbary,** Assistant professor of paediatrics, Ain Shams University, and **Dr. Maha Y. Zein El Abedein,** Assistant professor of paediatrics, Azhar University, for their kind participation in discussing this work.

Also, I am greatly honoured to express my deepest gratitude to my family, for their love, care and everlasting support through the whole work.

ACE Anti-converting enzyme inhibitors

AHRF Acute hypoxemic respiratory failure

ANP Atrial natriuritic peptide

APACHE Acute physiology and chronic health evaluation

ARB Angiotensin II receptor blockers

ARF Acute renal failure

ARDS Adult respiratory distress syndrome

BP Blood pressure

BUN Blood urea nitrogen

CDH Congenital diaphragmatic hernia

CEEG Continuous electroencephalogram

CHF Congestive heart failure

CNS Central nervous system

COP Cardiac output

CT Computerized tomography

CT-TC CT-guided thoracocentesis

CVP Central venous pressure

DNA Dioxy ribo nucleic acid

ECG Electrocardiogram

EEG Electroencephalogram

EGF Epidermal growth factor

Fio2 Fraction of inspired oxygen

GFR Glomerular filtration rate

Hb Hemoglobin

HFOV High frequency oscillatory ventilation

HGF Hepatocyte growth factor

HMD Hyaline membrane disease

HR Heart rate

ICP Intracranial pressure

IgG Immunoglobulin G

IL-1 Interleukin-1

I.VIntravenous

mRNA Messanger ribonucleic acid

MODS Multisystem organ dysfunction syndrome

Na/K ATP-Sodium-potassium adenosine

ase

triphosphatase

NICU Neonatal Intensive Care Unit

PAC Pulmonary artery catheter

PaO₂ Partial arterial oxygen tension

PCO₂ Partial tension of carbon dioxide

PICU Pediatric Intensive Care Unit

PRISM The physiologic stability index and the pediatric risk of mortality

The simplified acute physiology score SAPS

SF Scatter factor

<u>...</u> ,

Transforming growth factor a TGF-α

TNF Tumour necrosis factor

TTN Transient tachypnea of newborn

V/Q Ventilation / perfusion