





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







Gastric Tonometry versus Oxygen Derived Variables as Predictors of Multiorgan Dysfunction and Death in Septic Patients

Thesis Submitted for Partial Fulfillment of M.D. Degree in Anesthesiology

By

Hala Ezzat Ali Eid

M.B., B.Ch., M.Sc. (Ain Shams)

Supervised By

Prof. Dr. Mohamed Rida Abd El-Gawad

Professor of Anesthesia & Intensive Care Faculty of Medicine - Ain Shams University

Prof. Dr. Alaa El-Din Abd El-Wahab Koraa

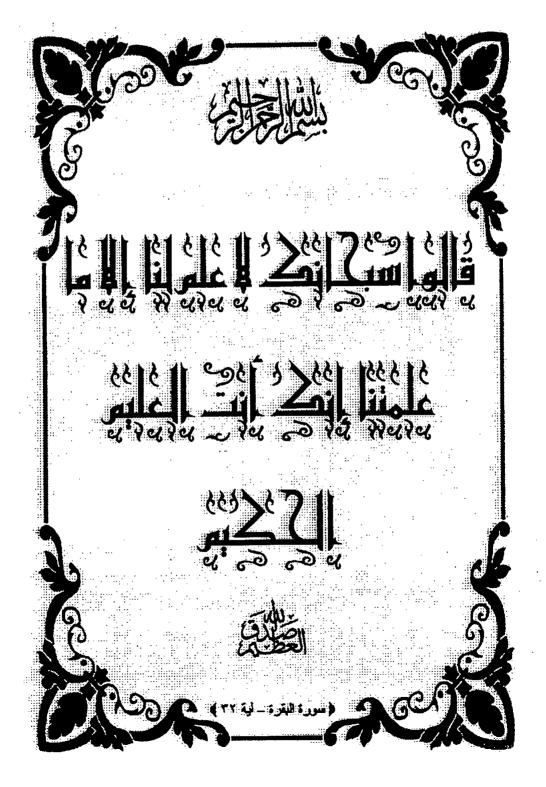
Assistant Professor of Anesthesia & Intensive Care Faculty of Medicine - Ain Shams University

Dr. Amr Essam El-Din El-Hannamy

Lecturer of Anesthesia & Intensive Care Faculty of Medicine – Ain Shams University

> Faculty of Medicine Ain Shams University

Ę.





Acknowledgement

First, thanks are all to Allah for blessing me this work until it reached its end, as a little part of his generous help throughout life.

I would like to express my sincere appreciation and deep gratitude to Prof. **Dr./ Mohamed Rida Abd EL-Gawad**, Professor of Anesthesia and Intensive Care, Faculty of Medicine, Ain Shams University, for his moral support and continuous encouragement; really, it is a great honor to work under his guidance and supervision.

My deepest appreciation and grateful thanks are due to Prof. Dr./Alaa EL-Din Abd EL-Wahab Koraa, Assistant Professor of Anesthesia and Intensive Care, Faculty of Medicine, Ain Shams University, for his great support, patience, and the tremendous effort he has done in the meticulous revision of the whole work.

My thanks are also due to Dr./Amr Essam El-Din EL-Hannamy, lecturer of Anesthesia and Intensive Care, Faculty of Medicine, Ain Shames University, for his great support and outstanding assistance throughout this work.

Hala Ezzat Ali



To My Family



List of Contents

	PAGE
Introduction	1-2
Aim of the Study	3
Review of Literature	
Terminology.	4 - 6
 Pathophysiology of sepsis and mutiorgan dysfunctin 	7 - 9
 Role of gut in sepsis and multiorgan dysfunction 	10-24
 Indices of tissue oxygenation 	25-27
 Blood lactate as an index of tissue hypoxia 	28-31
Oxygen derived variables as indices of tissue hypoxia	32-35
Gastric tonometry	36-51
Patients and Methods	52-60
Results	61-82
Discussion	83-99
Conclusion	100
Summary	101-103
References	104 -125
Arghic summary	1-3

