INTENSIVE CARE MANAGEMENT OF FULMINANT HEPATIC FAILURE

Essay Submitted for partial fulfilment of the master degree in General Intensive Care

67717

BY

Osama Ahmed El-Ghareeb Zayed
M.B., B.ch., M.D. (Anaesthesia),
M.Sc. (General Medicine)

616.623 0. A

Supervised BY

Prof. Dr. Farouk Ahmed Sadek Afify
Professor & Head of the Department of Anaesthesiology &
Intensive Care, Faculty of Medicine, Ain Shams

Prof. Dr. Hussain Hassan Sabry Professor of Anaesthesiology & Intensive Care, Faculty of Medicine, Ain Shams University

University.

Faculty of Medicine, Ain Shams University 1997



•	



بالله الخراجي

قالوا سبحانك لا علمرلنا إلا ما علمتنا إنك أنت العليمر الحكيمر

﴿ سُورة البقرة −الآية ٢٢ ﴿

TO MY FAMILY

LIST OF CONTENT

	PAGE
INTRODUCTION	1
ANATOMY & METABOLISM	4
CAUSES	8
PATHOLOGY	30
CLINICAL MANIFESTATIONS	33
MANAGEMENT	59
PROGNOSIS	79
LIVER TRANSPLANTATION	87
EXPERIMENTAL THERAPIES	92
SUMMARY	110
REFERENCES	112
AD ABIC SIMMADV	

LIST OF CONTENT

	PAGE
INTRODUCTION	1
ANATOMY & METABOLISM	4
CAUSES	8
PATHOLOGY	30
CLINICAL MANIFESTATIONS	33
MANAGEMENT	59
PROGNOSIS	79
LIVER TRANSPLANTATION	87
EXPERIMENTAL THERAPIES	92
SUMMARY	110
REFERENCES	112
AR ARIC SUMMARY	

List of Tables

Table No.	Table	Page
Table (1):	Causes of FHF is some developed countries	8
Table (2):	Actiology of FHF (Gimson 1996)	9
Table (3):	Causes of FHF (Sherlock & Dooley 1993) A	10
Table (4):	FHF: Distinction between acute and acute on chronic type	34
Table (5):	Investigations of acute Hepatocellular Failure	35
Table (6):	Clinical Features of grades of hepatic encephalopathy	43
Table (7):	Some of the measures of management of organ dysfunction in FHF	65
Table (8):	Criteria of consideration for Orthotopic Liver Transplant	80
. ,	, ·	

List of Figures

Fig. No.	Figure	
Figure (1):	Pathologic O2 supply-dependency relationship in FHF	51
Figure (2):	Clinical Assessment of size of the liver	
Figure (3):	Survival rate in the past two decades in patients with acute liver failure	79
Figure (4):	Hollow fiber bioreactor	103
Figure (5):	Bio-artificial liver	107

-		ì

INTRODUCTION

