HEMOSTATIC PARAMETERS IN PHYSIOLOGICAL AND REACTIVE STATES

Essay

Submitted for Partial Fulfillment of Master Degree in

CLINICAL AND CHEMICAL PATHOLOGY

By

Doaa Abd El-Hamid Hassan
(M.B., B.Ch.)

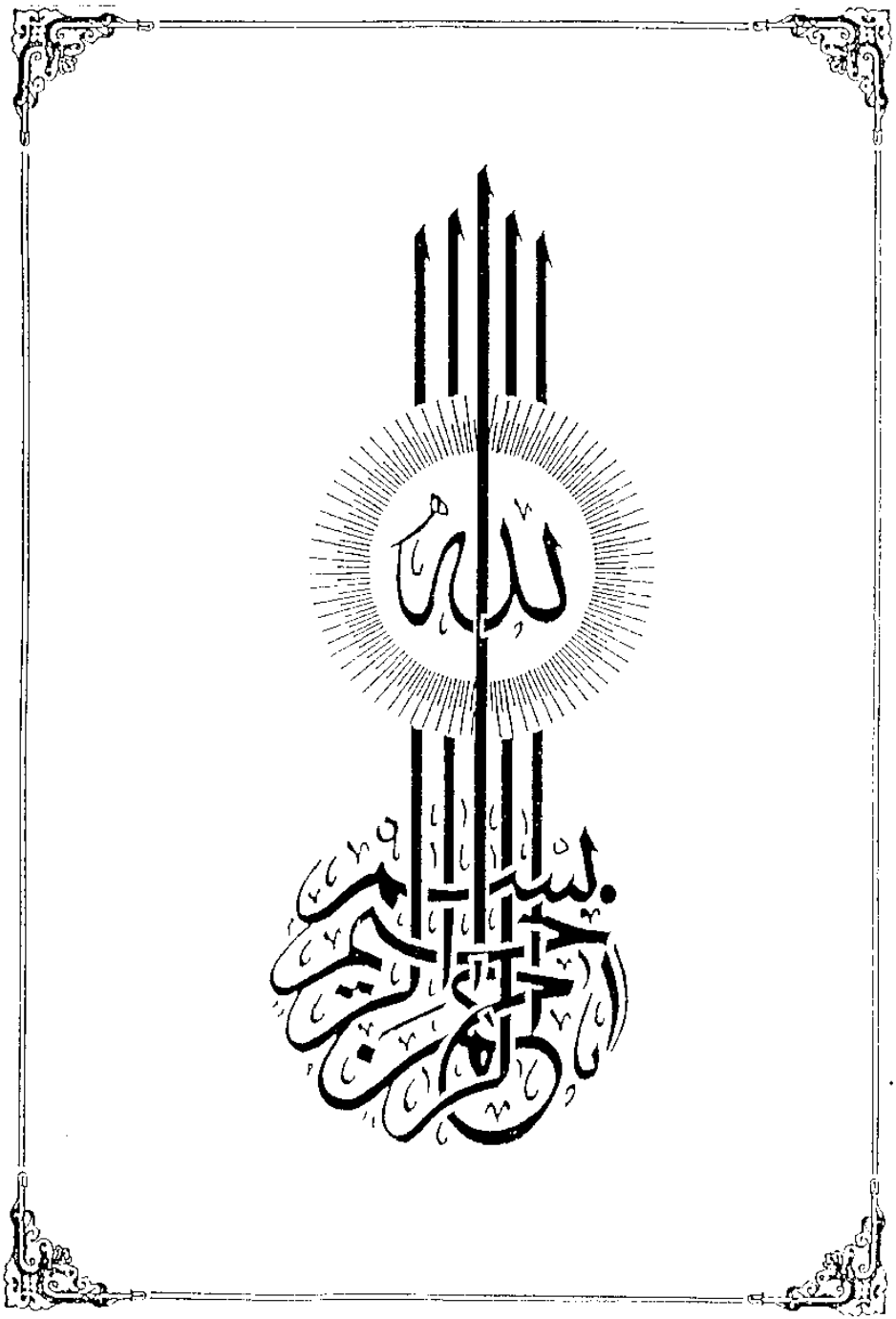
Supervised by

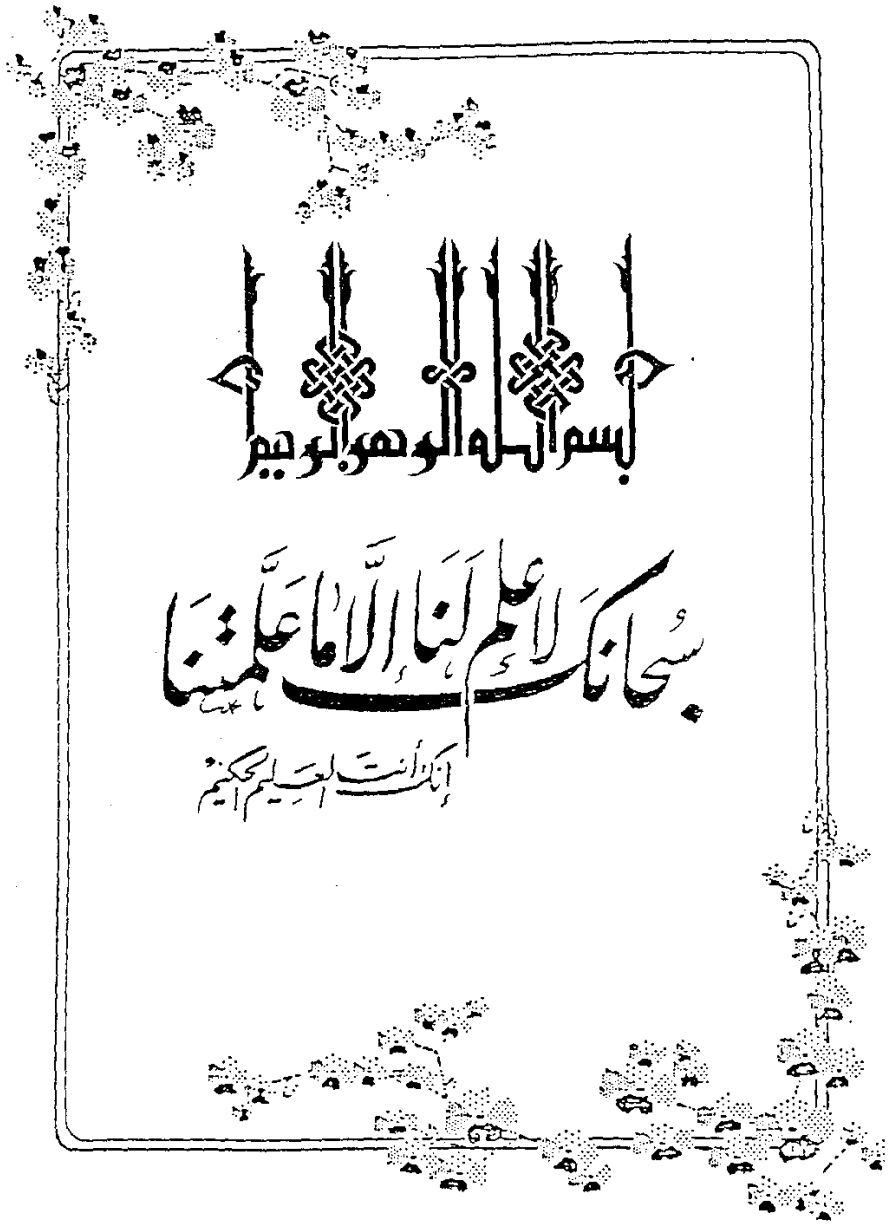
Prof.Dr. Zeinab Mohamed Tawfik
Professor of Clinical Pathology
Faculty of Medicine - Ain Shams University

Dr. Salwa Mohamed Abu El-Hana
Assistant Professor of Clinical Pathology
Faculty of Medicine - Ain Shams University

Dr. Hoda Mohamed El-Gendi
Lecturer of Clinical Pathology
Faculty of Medicine - Ain Shams University

Faculty of Medicine
Ain Shams University
1995





To

MY FAMILY

ACKNOWLEDGEMENT

I wish to express my deepest thanks and gratitude to ***Professor Dr. Zeinab Mohamed Tawfik,*** **Professor of Clinical Pathology, Ain Shams University,** for her continuous guidness, help, encouragement and generous advice throughout the work.

I would like also to appreciate the help afforded by ***Dr. Salwa Mohamed Abou El Hana,*** **Assistant Professor of Clinical Pathology, Ain Shams University.**

Also, I am very grateful to ***Dr. Hoda Mohamed El Gendy,*** **Lecturer of Clinical Pathology, Ain Shams University,** for her close supervision and help.

LIST OF ABBREVIATIONS

ADP	Adenosine diphosphate.
AMP	Adenosine monophosphate.
α_2-AP	α_2-antiplasmin.
APTT	Activated partial thromboplastin time.
ATIII	Antithrombin III.
ATP	Adenosine triphosphate.
C4b	Complement 4b.
CE	Conjugated estrogens.
CVD	Cardiovascular disease.
DB	Dense bodies.
DDAVP	Desamino-8-D-arginine vasopressin.
DIC	Disseminated intravascular coagulation.
DVT	Deep venous thrombosis.
E%	Of total energy.
E_2	Transdermally administrated estradiol.
EDRF	Endothelium-derived relaxing factor.
ERT	Estrogen replacement therapy.
FDPs	Fibrin degradation products.
FPA	Fibrinopeptide A.
GMP	Guanosine monophosphate.
GP	Glycoprotein.
HMWK	High-molecular weight kininogen.
HRT	Hormone replacement therapy.
IP_3	Inositol-trisphosphate.
ITP	Immune thrombocytopenic purpura.
MBL	Menstrual blood loss.
MW	Molecular weight.

OC	Oral Contraceptives.
PAI	Plasminogen activator inhibitor.
PC	Protein C.
PCP	Protein C activation peptide.
PF3	Platelet factor 3.
PF4	Platelet factor 4.
PG	Prostaglandin.
PIP_2	Phosphatidylinositol bisphosphate.
PIVKA	Proteins induced by vitamin K absence.
PT	Prothrombin time.
SLE	Systemic lupus erythematous.
TAT	Thrombin-antithrombin complex.
t-PAag	Tissue plasminogen activator antigen.
$Tx\text{-}A_2$	Thromboxane A_2.
$Tx\text{-}B_2$	Thromboxane B_2.
Tx-M	Thromboxane metabolites.
u-PA	Urokinase plasminogen activator.
vWF	von Willebrand factor.

LIST OF CONTENTS

ABSTRACT