

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار





بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



EVALUATION OF VITAMIN K THERAPY IN MANAGEMENT OF CHRONIC LIVER DISEASES

Thesis

*Submitted for Partial Fulfillment of the
Master Degree in Tropical Medicine*

By

Nadia Abd Al-Aty Abd Al-Kader El-Sersy

M.B., B.Ch.

*616.9883
N.A.*

Supervised by

Prof. Dr. Maamoun Mohammad Ashour

Prof. of Tropical Medicine

Faculty of Medicine-Ain Shams University

Prof. Dr. Mubarak Mohammad Hussein

Prof. of Tropical Medicine

Faculty of Medicine-Ain Shams University

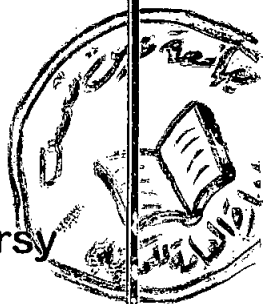
Dr. Azza Sadek El-Danasoury

Assistant Prof. of Clinical Pathology

Faculty of Medicine-Ain Shams University

Faculty of Medicine-Ain Shams University

2000



[Handwritten signatures]

The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. The document then outlines the specific procedures for recording transactions, including the use of standardized forms and the requirement for double-entry bookkeeping. It also addresses the need for regular audits to ensure the integrity of the financial data. The second part of the document focuses on the management of the organization's assets. It provides guidelines for the acquisition, maintenance, and disposal of physical and financial assets. The document stresses the importance of conducting regular inventory checks and ensuring that all assets are properly valued and insured. Finally, the document concludes with a summary of the key principles and a call to action for all staff members to adhere to these guidelines.

Acknowledgment

I would like to express my sincere thanks and highest appreciation to Prof. Dr. Maamoun Mohammad Ashour, Professor of Tropical Medicine, Ain Shams University, for planning of this work, continuous guidance, kind supervision and stimulating ideas throughout the work.

I am most grateful to Prof. Dr. Mubarak Mohammad Hussein, Professor of Tropical Medicine, Ain Shams University, for his valuable advice and support throughout the work.

I would like to express my sincere gratitude for Dr. Azza Sadek El-Danasoury, Assistant Professor of Clinical Pathology, Ain Shams University, for her immense effort in the practical part of this work.

I am also deeply thankful to Dr. Wageh Ibrahim, Dr. Tarif Hamza, Dr. Rifaat Gaballa and Dr. Manal Hashem, Professors of Clinical Pathology, Prof. Dr. Sami Khalifa, Professor of Pediatric Medicine, Dr. Said Youssef, Assistant Professor of Internal Medicine, Ain Shams University, for their kind help and valuable ideas in this work.

Many thanks to Roche Company in Egypt for its financial support in this work.

Finally, I wish to thank all the staff and members of the Tropical Medicine Department for their great cooperation.



*To My Parents, My Husband,
and My Lovely Daughter*

1000

1000

1000

1000

1000

1000

1000

1000

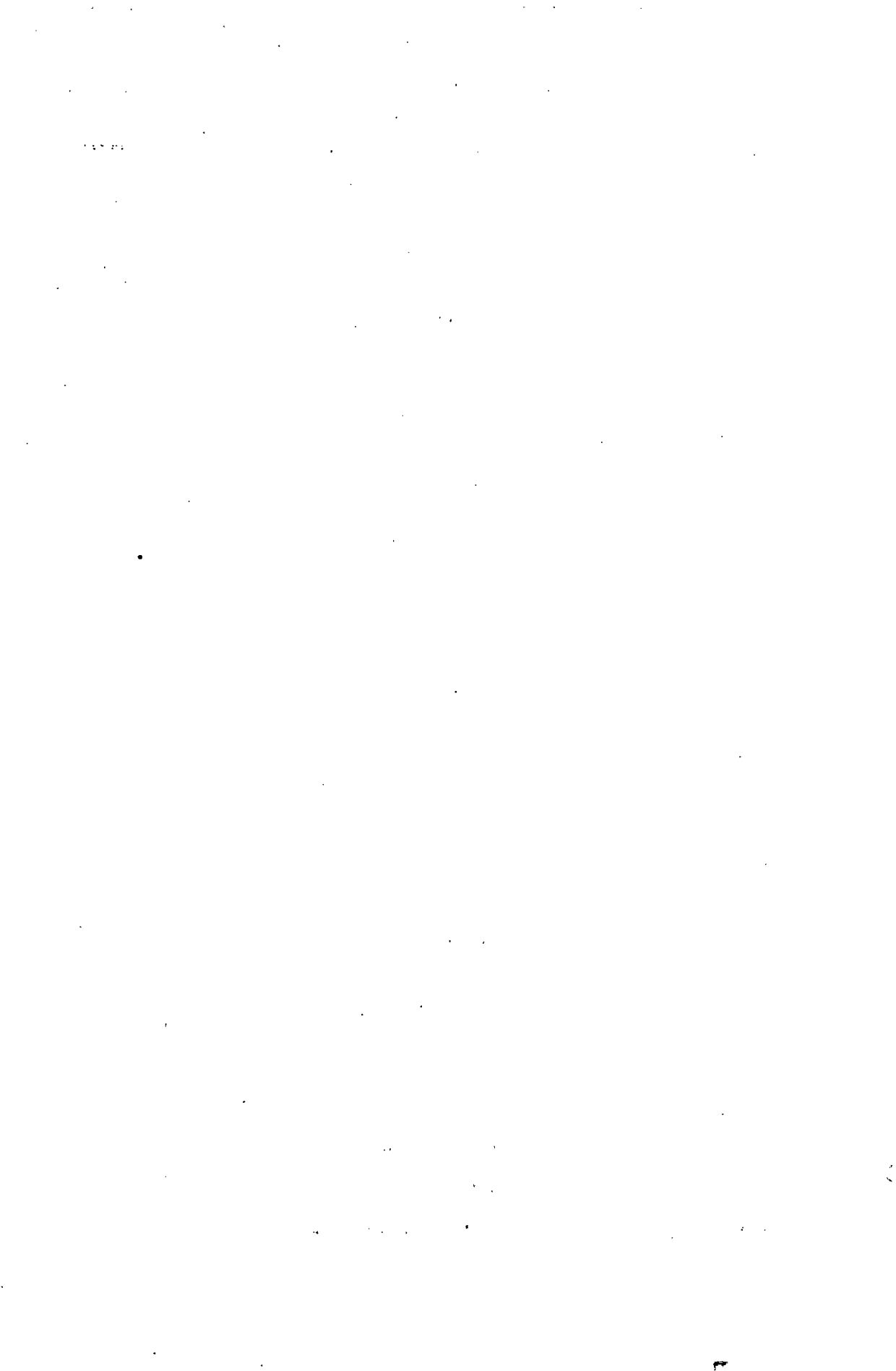
1000

1000

1000

List of Contents

	Page
Introduction and aim of The work	1
Review of Literature:	3
• Vitamin K	3
• Coagulation Factors	35
• Chronic Liver Diseases	72
• Hemostatic Disorders in Chronic Liver Diseases	84
Subjects and Methods	101
Results	110
Discussion	145
Conclusions	156
Recommendations	157
Summary	158
References	160
Arabic Summary	



List of Abbreviations

AD:	Autosomal dominant
ADP:	Adenosine diphosphate
AHF:	Anti-hemophilic factor
AHG:	Anti-hemophilic globulin
APC:	Activated protein C
aPTT:	Activated partial thromboplastin time
AR:	Autosomal recessive
AT III:	Anti-thrombin III
BUN:	Blood urea nitrogen
CLD:	Chronic liver disease
CMV:	Cytomegalo-virus
DDAVP:	1-deamino-8-arginine vasopressin
DIC:	Disseminated intravascular coagulopathy
E-P virus:	Epstein Barr virus
EDTA:	Ethylene diamine acetic acid
EPI:	Extrinsic pathway inhibitor
FDPs:	Fibrin degradation products
FFP:	Fresh frozen plasma
FMFD:	Familial multiple coagulation factor deficiencies
FSF:	Fibrin stabilizing factor
G-6-PD:	Glucose-6-phosphate dehydrogenase enzyme
HAI:	Histological activity index
HIV:	Human immune deficiency virus
HMWK:	High molecular weight kininogen

IFPI:	Tissue factor pathway inhibitor
IgG:	Immunoglobulin G
ITP:	Immune-mediated thrombocytopenic purpura
LACI:	Lipoprotein associated coagulation inhibitor
NADPH:	Nicotinamide adenine dinucleotide phosphate
NSAIDs:	Non-steroidal anti-inflammatory drugs
P.T.:	Prothrombin time
PAIs:	Plasminogen activator inhibitors
PCCs:	Prothrombin complex concentrates
PIVKAs:	Proteins induced by vitamin K antagonists or absence
PTA:	Plasma thromboplastin antecedent
PTC:	Plasma thromboplastin component
RDA:	Recommended daily allowance
SLE:	Systemic lupus erythematosus
SPCA:	Stable prothrombin conversion accelerator
t-PA:	Tissue plasminogen activator
TT:	Thrombin time
u-PA:	Urokinase plasminogen activator
vWF:	von Willebrand factor
WBCLT:	Whole blood clot lysis time