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MOLEUCLAR DETECTION OF HEMOPHILIA A CARRIERS IN EGYPT

Thesis

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To my lovely son Mohamed

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TABLE OF CONTENTS

List of abbreviations.....	i
List of Figures.....	iv
List of Tables	v
Introduction and aim of the work	1
Review of literature	3
Hemostasis	3
I Vascular phase of hemostasis	3
II Platelet phase of hemostasis	6
III Coagulation phase of hemosasis	12
IV Naturally protective mechanisms	17
Introduction to Hemophilias	21
Hemophilia A.....	22
Incidence of hemophilia A.....	22
Etiology and Pathogenesis	22
The inheritance pattern of hemophilia	23
Hemophilia A in female	26
Clinical manifestations of hemophilia A	26
Laboratory assessment of hemophilia A	33
Management of hemophilia A	34
Replacement therapy for FVIII	34
Ancillary therapy	36
Liver transplantation	37
Gene therapy.....	38
Complications of therapy	40
Infectious complications	40
Factor VIII inhibitors	42
Molecular Biology of Factor VIII	46
Primary structure of factor VIII	48
Synthesis	48
Factor VIII function	51
Activation and inactivation	52
Assays for factor VIII coagulation activity	58
Molecular Pathology of Hemophilia A	60
Mutations in factor VIII gene	63
Point mutations	63
Deletions	67
Insertions	69
Inversions and rearrangements	69

Carrier Detection in Hemophilia A	72
Importance of carrier detection	72
Types of carriers of hemophilia	75
Methods of carrier detection in hemophilia A	76
Use of pedigree data in carrier detection	77
Use of laboratory data in carrier detection	80
Use of molecular genetics in carrier detection	82
Molecular biology techniques used in diagnosis of hemophilia A carriers	84
The Polymerase Chain Reaction	103
Structure of DNA	103
Procedure of PCR	106
Subjects and Methods	116
Results	130
Discussion	173
Conclusions and recommendations	183
Summery	185
References	188
Arabic summary	

LIST OF ABBREVIATIONS

5HT:	5 hydroxy tryptamine
A:	Adenine
ADP:	Adenosine diphosphate
AHF:	Anti-hemophilic factor
AIDS:	Acquired Immunodeficiency Syndrome
AMD:	Amplified mismatch detection
APCC	Activated prothrombin complex concentrates
APTT:	Activated partial thromboplastin time
arg:	Arginine
AT III:	Antithrombin III
bp:	Base pair
BTG:	Beta-thromboglobulin (a platelet protein)
C:	Cytosine
Ca ⁺⁺ :	Calcium
cAMP	Cyclic adenosine monophosphate
cDNA:	Complementary DNA = copy DNA
CMC	Chemical mismatch cleavage
CP:	Ceruloplasmin
CRM ⁻	Cross reacting material negative
CRM ⁺ :	Cross reacting material positive
Da:	Dalton
DDAVP	1-deamino 8-D arginine vasopressin
DGGE	Denaturing gradient gel electrophoresis
DNA:	Deoxyribonucleic acid
dNTPs	Deoxynucleoside triphosphates
EACA	Epsilon aminocaproic acid
EDTA:	Ethylene di-amine tetra-acetic acid
EIA:	Electroimmunoassay

ELISA:	Enzyme linked immunosorbent assay
FDPs	Fibrin ^{Fibrin} degradation products
FIA:	fluorescent immunoassay
FIX:	Factor IX
FIXa :	Activated factor IX
FV:	Factor V
FVIII : C :	Factor VIII coagulant activity
FVIII R Ag :	Factor VIII related antigen
FVIII/vWF:	Factor VIII/von Willebrand factor
FVIII:	Factor VIII
FVIII:Ag :	Factor VIII antigen
FVIIIa:	Activated factor VIII
FX:	factor X
FXa:	Activated factor X
G:	Guanine
G6PD:	Glucose 6 phosphate dehydrogenase
GP:	Glycoprotein
HBV:	Hepatitis B virus
HCV:	Hepatitis C virus
HIV:	Human immunodeficiency virus
HMWK:	High molecular weight kininogen
HVRs:	Hypervariable regions
IRMA:	Immunoradiometric assay
IU:	International Unit
Kb:	Kilobase
Kda:	Kilodalton
Mg ⁺⁺ :	Magnesium ions
MRNA:	Messenger RNA
NO:	Nitric oxides
PCC	Prothrombin complex concentrates
PCR	Polymerase chain reaction
PF4:	Platelet factor 4
PG A1:	Prostaglandin A1

PGE2:	Prostaglandin E2
PUBS	Percutaneous umbilical blood sampling
RFLPs:	Restriction fragment length polymorphisms
RIA:	Radio-immunoassay
RNA:	Ribonucleic acid
SSRs:	simple sequence repeats
STR	Short tandem repeat
STRPs	Short tandem repeat polymorphisms
T:	Thymine
TFPI:	Tissue factor pathway inhibitor
tPA:	Tissue plasminogen activator
TXA2	Thromboxane A2
U:	Uracil
Vmax:	Maximum velocity
VNTRs:	Variable number of tandem repeats
vWF:	von Willebrand factor
vWF:Ag :	von Willebrand factor antigen
WHO:	World Health Organization

LIST OF TABLES

Table No	Page
Review:	
1- The coagulation factors	13
2- The inheritance pattern of hemophilia	24
3- Laboratory and clinical manifestations of hemophilia	29
4- Terminology of factor VIII and von Willebrand factor	47
5- Known mutations causing hemophilia A	64
6- Known deletions causing hemophilia A	68
7- Intragenic restriction polymorphism in FVIII gene	89
Results:	
1- Coagulation data of obligatory carrier group	132
2- Coagulation data of possible carrier group	133
3- Coagulation data of control group	134
4- Intragenic dinucleotide repeat polymorphism at intron 13	135
5- Frequencies of dinucleotide repeats in intron 13 of FVIII gene among 24 normal X chromosomes (12 females)	136
6- Frequencies of dinucleotide repeats in intron 13 of FVIII gene among 25 independent mutant X chromosomes (25 males)	136
7- Intragenic dinucleotide repeat polymorphism at intron 22	141
8- Frequencies of dinucleotide repeats in intron 22 of FVIII gene in 10 normal X chromosomes (5 females)	143
9- Frequencies of dinucleotide repeats in intron 22 of FVIII gene among 9 independent mutant X chromosomes (9 males)	143
10- Cumulative informativeness of intragenic dinucleotide repeat polymorphisms at factor VIII gene	144
11- Concordance between coagulation studies (FVIII:C/vWF:Ag) and molecular studies in obligatory carrier group	146
12- Concordance between coagulation studies (FVIII:C/vWF:Ag) and molecular studies in possible carrier group	147

LIST OF FIGURES

Fig.No	Page No
Review:	
1- Thromboresistant properties of endothelium	5
2- Simplified diagram of platelet adhesion to collagen	7
3- Pathways of blood coagulation	16
4- The fibrinolytic system	20
5- The inheritance of hemophilia A and B	25
6- Structural domains of factor VIII	49
7- Structural domains of factor V, VIII and ceruloplasmin	51
8- Gene organization and processing of factor VIII	57
9- Line diagram of factor VIII gene	62
10- Mechanism of a common inversion in FVIII gene	71
11- DNA polymorphisms within the factor VIII gene	90
12-a Southern blot analysis	93
12-b Nucleic acid sequencing	95
12- Polymerase chain reaction	96
14-a Chorionic villus sampling	102
14-b Amniocentesis	103
14-c Fetal blood sampling	103
15- Structure, base pairing and polarity of DNA	104
16-a Primer extension reaction	108
16-b Polymerase chain reaction using primer pair	109
Results:	
1- Comparison between FVIII:C in the studied groups	135
2- Comparison between vWF:Ag in the studied groups	136
3- Comparison between FVIII:C /vWF:Ag ratio in the studied groups	137
4- Pedigree of family A	150
5- Pedigree of family B	151
6- Pedigree of family D	152
7- Pedigree of family E	153
8- Pedigree of family F	154
9- Pedigree of family G	155
10- Pedigree of family H	156
11- Pedigree of family I	157

Fig.No	Page No
12- Pedigree of family J	158
13- Pedigree of family M	159
14- Pedigree of family N	160
15- Pedigree of family P	161
16- Pedigree of family R	162
17- Pedigree of family T	163
18- Pedigree of family U	164
19- Pedigree of family V	165
20- Pedigree of family W	166
21- Pedigree of family X	167
22- Pedigree of family Y	168
23- PCR picture of family	169
24- PCR picture of family	170
25- PCR picture of family	171
26- PCR picture of family	172