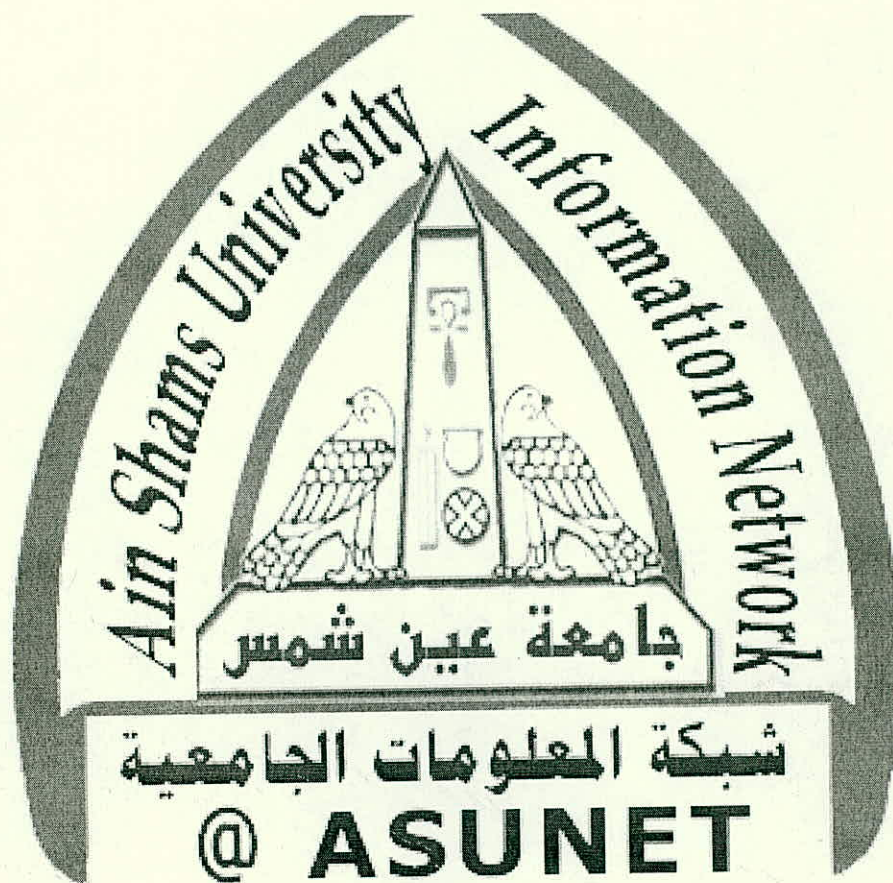




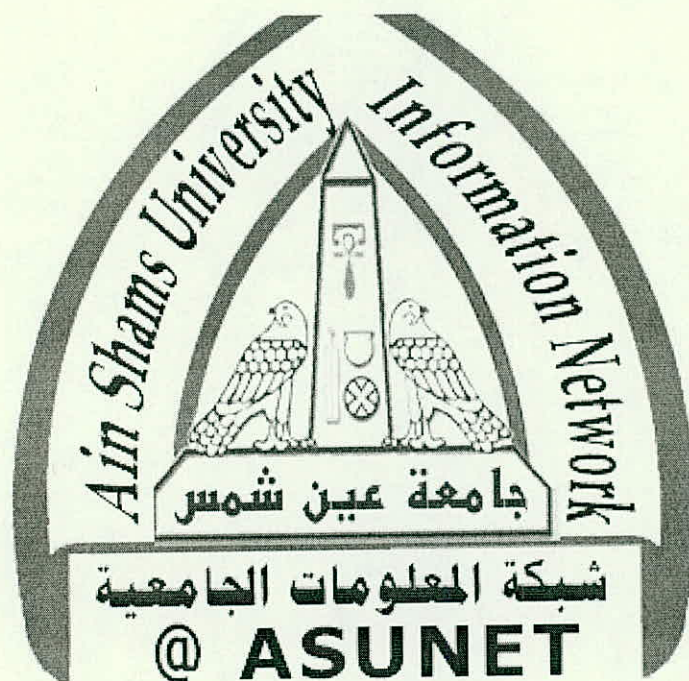
شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأفلام قد أعدت دون أية 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 %



شبكة المعلومات الجامعية



بالرسالة صفحات

لم ترد بالأصل



شبكة المعلومات الجامعية



بعض الوثائق الأصلية تالفة

ACQUIRED von WILLEBRAND DISEASE (AvWD) IN HAEMATOLOGIC MALIGNANCIES

Thesis

Submitted for Partial Fulfillment of
M.D. Degree in
The Laboratory Medical Oncology

By

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

﴿ وَقُلْ اَعْمَلُوا فَسَيَرَى اللَّهُ عَمَلَكُمْ
وَرَسُولُهُ وَالْمُؤْمِنُونَ ﴾

صَلَاةُ اللَّهِ الْعَظِيمَةِ

[التوبة : ١٠٥]

ABSTRACT

Acquired von Willebrand disease (AvWD) is an acquired bleeding disorder which may suddenly become manifest in individuals, usually in the absence of a personal or family history of bleedings and frequently in association with monoclonal gammopathies, lymphoproliferative, myeloproliferative and autoimmune disorders. In a minority of the cases AvWD may develop in association with drugs or solid tumors. Pathogenetic mechanisms involve autoantibodies directed against von Willebrand factor (vWF) resulting in a rapid clearance of vWF from the circulation and/or release of vWF from storage sites; or precipitation of plasma vWF. Treatment options include-whenever possible-treatment of the underlying disorder or symptomatic treatment aimed at replacing the loss of vWF by either infusion of vWF-rich concentrates or administration of desmopressin (DDAVP). In related cases with anti-vWF antibodies, administration of high-dose intravenous gammaglobulin, plasma exchange or extracorporeal immuno-adsorption may be successful. This study included 114 patients (73 males and 41 females) and 10 controls. The age of the patient group were ranging from 15-65 years while the age of the control group were ranging from 20-65 years. The patient group were presented to NCI complaining of a recent development of non-thrombocytopenic mucocutaneous bleeding due to malignant haematological disorder. These patients were subdivided according to their diagnoses into: CML (34 cases), CLL (26 cases), NHL (25 cases), MM (19 cases), HD (6 cases) and MDS (4 cases). All patients and control groups were subjected to: Complete physical and clinical examination, laboratory work up including: BT, CBC, blood grouping, serum total protein, APTT, vWF: Ag, vWF: Ri Cof activity, F VIII:C and Multimer Analysis.

Key words: Von Willebrand factor; acquired von Willebrand disease; von Willebrand disease.

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LIST OF ABBREVIATIONS

ADP	Adenosine di-phosphate
AHF	Antihemophilic factor
AIHA	Autoimmune hemolytic anemia
ALL	Acute lymphoblastic leukemia
AML	Acute myeloblastic leukemia
AMM	Agnogenic myeloid metaplasia
APC	Activated protein C
APL	Acute promyelocytic leukemia
APTT	Activated partial thromboplastin time
ATIII	Antithrombin III
AvWD	Acquired von Willebrand disease
BT	Bleeding time
C4bp	C4-binding protein
CLL	Chronic lymphoid leukemia
CML	Chronic myeloid leukemia
CNS	Central nervous system
DDAVP	1-deamino-8-D arginine vasopressin
DIC	Dissiminated intravascular coagulation
DMD	Direct mutation detection
DNA	Deoxyribonucleic acid
DS	Dermatan sulfate
EACA	ϵ -aminocaproic acid
EGF	Epidermal growth factor
EPCR	Endothelial cell protein C receptor
EPO	Erythropoietin

F VIII:C	Factor VIII coagulant
FDP	Fibrin degradation products
FPA	Fibrinopeptide A
FSF	Fibrin-stabilizing factor
GAG	Sulfated glycosaminoglycans
GP	glycoprotein
HC II	Heparin cofactor II
HCL	hairy cell leukemia
HD	Hodgkin's disease
HES	Hydroxyethyl starch
HLA	Human leukocyte antigen
HMWK	High-molecular weight kininogen
IL	Interleukin
ITP	Idiopathic thrombocytopenic purpura
Kb	Kilobase
KD	Kilodalton
LACI	Lipoprotein associated coagulation inhibitor
LDL	Low-density lipoprotein
LRP	Low-density lipoprotein receptor-related protein
MM	Multiple myeloma.
MMP	Matrix metalloproteinase
MPD	Myeloproliferative disease
mRNA	messenger-ribonucleic acid
NHL	Non-Hodgkin's lymphoma
PA	Plasminogen activator
PAI	Plasminogen activator inhibitor
PAR	Plasminogen activator receptor
PCR	Polymerase chain reaction

PF-4	Platelet factor 4
PS	Protein S
PTA	Plasma thromboplastin antecedent
PTC	Plasma thromboplastin component
PV	Polycythemia vera
RFLP	Restriction fragment length polymorphism
r-FVIII	Recombinant factor VIII
Ri:cof	Ristocetin cofactor
RIPA	ristocetin-induced platelet agglutination
scu-PA	Singlechain urokinase-type PA
Tf	Tissue factor
TFPI	Tissue factor pathway inhibitor
TIMPs	Tissue inhibitors of MMPs
TM	Thrombomodulin
t-PA	Tissue-type plasminogen activator
UHG	Universal heteroduplex generator
U-PA	Urokinase-type plasminogen activator
NSAID	Non-steroidal anti-inflammatory drug
vWD	von Willebrand disease
vWF	von Willebrand factor
vWF:Ag	von Willebrand factor antigen

