

EBOLA VIRAL DISEASE

An Essay

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Dedication

I dedicate this work to the most precious person I have, to my father, and as long as I wished to be with me at this moment to support me, but it is God's destiny.

May God have mercy on you my beloved Dad. I am proud to be your daughter & I hope you will be proud of me and finally I think you are good in the Gardens of Allah and His Blessings.

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List of Contents

Title	Page No.
List of Abbreviations	i
List of Tables	viii
List of Figures	ix
Introduction	1
Aim of the Work	3
Chapter 1:	
Viral Haemorrhagic Fevers.....	4
Chapter 2:	
Ebola viral outbreak & clinical presentation	27
Chapter 3:	
Diagnostic methods of Ebola virus disease	55
Chapter 4:	
Prevention & control of EVD	72
Chapter 5:	
ICU management of infected patients with Ebola	83
Summary	116
References	118
Arabic summary	--

List of abbreviations

Abb.	Full term
AKI	Acute kidney injury
ALT	Alanine aminotransferase
ARDS	Acute respiratory distress syndrome
AST	Aspartate aminotransferase
BBVD	Bundibugyo
BSL 4	Biosafety level
CCHF	Crimean-Congo haemorrhagic fever
CDC	Centers for disease control and prevention
cDNA	Complementary DNA
CP	Convalescent plasma
CRP	C reactive protein
CPR	Cardiopulmonary resuscitation
CWB	Convalescent white blood
DC- SIGN	Dendritic cell specific- intracellular grapping non-integrin
DCs	Dentritic cells
DIC	Disseminated intravascular coagulopathy
DOBV	Dobrava- Belgrade virus
EBOV	Ebola virus
ELISA	Enzyme linked immunosorbent assay
EMC	Ebola Management Center
EUA	Emergency Use Assessment
EVD	Ebola virus disease

List of abbreviations (cont...)

Abb.	Full term
FDA	Food and Drug Administration
FDPs	Fibrinogen degradation products
GI	Gastrointestinal
GP	Glycoprotein
HF	Haemorrhagic fever
HFRS	Haemorrhagic fever with renal syndrome
HPS	Hantavirus pulmonary syndrome
IFAT	Indirect florescent antibody detection test
IFNs	Interferons
Ig	Immunoglobulin
IL	Interleukin
IM	Intramuscular
IRF3	Interferon regulatory factor 3
LFIs	Lateral flow immunoassays
LFT	Liver function tests
NAATs	Nucleic acid amplification tests
NIAID	National Institute of Allergy and Infectious Disease
NGS	Next generation sequences techniques
NHPs	Non-human primates
NK	Natural killer
NO	Nitric oxide
NP	Nucleoprotein
PAI 1	Plasminogen activator inhibitor1
PBMC	Peripheral blood mononuclear cell

List of abbreviations (cont...)

Abb.	Full term
PHMs	Primary human monocytes/macrophages
PPV	Personal protective equipment
PUUV	Puumala virus
RDTs	Rapid diagnostic tests
RESTV	Reston virus
ROC	Republic of Congo
RRT	Renal replacement therapy
RT PCR	Reverse transcriptase polymerase chain reaction
RVF	Rift valley fever
SAGE	Strategic advisory group of experts
SEOUV	Seol virus
sGP	Secreted glycoprotein
sICAM	Soluble intercellular adhesion molecule
siRNAs	Small interfering RNA agents
STAT1	Signal transducer and activator of transcription protein 1
SUVD	Sudan virus
TAFV	Tai forest virus
TF	Tissue factor
TLR3	Toll like receptor 3
TNF	Tumor necrosis factor
TPA	Tissue plasminogen activator
TPP	Target Product profile
TRAIL	Tumor necrosis factor-related apoptosis inducing ligand

List of abbreviations (cont...)

Abb.	Full term
UNMEER.....	United Nations Mission for Ebola Emergency Response
TTE.....	Transthoracic echocardiography
VHF.....	Viral haemorrhagic fever
VLPs.....	Virus-like particles
VP.....	Virion protein
VSV.....	Vesicular stomatitis vaccine

Medical Journals abbreviations

Abb.	Full term
Adv Exp Med Biol	Advances in Experimental Medicine & Biology
Adv Virus Res	Advances in virus research
AJR	American Journal of Roentgenology
Am J Patho	American journal of pathology
Am J Respir Crit Care Med	American Journal of Respiratory & Critical Care Medicine
AM J Trop Med Hyg	American journal of tropical medicine hygiene
Anaesth analg J	Anaesthesia & analgesia Journal
Ann Agri Environ Med J	Annals of Agricultural & Environmental Medicine Journal
Antiviral Res J	Antiviral Research Journal
Arch Virol	Archives of virology
Best Pract Res Clin Haematol	Best practice & research clinical haematology
Biochem Biophys Res Commun	Biochemical & biophysical research communications
Br J Pharmacol	British journal of pharmacology
Can J Anaesth	Canadian journal of anaesthesia
Cell Microbiol	Cellular Microbiology
Cell Res	Cell Research
Circ J	Circulation journal
Clin Adv Haematol Oncol J	Clinical Advances in Haematology& Oncology Journal
Clin Exp Vaccine Res J	Clinical & Experimental Vaccine Research Journal
Clin Infect Dis	Clinical infectious diseases

Medical Journals abbreviations (cont...)

Abb.	Full term
Crit care Med	Critical care medicine
Curr Opin Crit Care	Current Opinion in Critical Care
Curr Opin Pharmacol	Current Opinion in Pharmacology
Dermatol Clin	Dermatologic clinics
Emerg Infect Dis	Emerging Infectious diseases
Epidemiol Infect	Epidemiology& Infection
Eur Heart J	European Heart Journal
Eur J Anaesthesiol	European Journal of Anaesthesiology
Expert Rev Anti Infect Ther	Expert Review of Anti infective Therapy
Expert Rev Clin Immunol	Expert Review of Clinical Immunology
Indian J Surg	Indian Journal of surgery
Int J Gynecol Obstet	International Journal of Gynecology &Obstetrics
J Autoimmun	Journal of autoimmunity
J Biomed Biotechnol	Journal of biomedicine & biotechnology
J Cell Biol	Journal of cell biology
J Exp. Med	The journal of experimental medicine
J Gen Virol	The journal of general virology
J Immunol	The journal of Immunology
J Intern Med	Journal of Internal Medicine
J Med Virol	Journal of medical virology
J Vector Borne Dis	Journal of Vector Borne Diseases
J Virol	Journal of virology
JAMA Pediatr	Journal of American Medical Association Pediatrics

Medical Journals abbreviations (cont...)

Abb.	Full term
JAMA	Journal of American medical association
Med Clin North Am	The medical clinics of North America
Microbes Infect	Microbes& infection
MMWR	Mortality &morbidity weekly report
Nat Med	Nature of medicine
Nat Rev Immunol	Nature reviews immunology
NEJM	New England journal of medicine
Neth heart J	Netherland Heart Journal
Neth J Med	The Netherlands Journal Of Medicine
Obstet Gynecol J	Obstetrics &Gynecology Journal
PLOS PATHOG	Public library of science pathogen
Proc Natl Acad Sci USA	Proceedings of the national academy of science of United States of America magazine
Sci Rep	Scientific Reports

List of Tables

Table No.	Title	Page No.
Table (1):	EVD Bleeding abnormalities.....	49
Table (2):	EVD GIT symptoms.....	50
Table (3):	EVD neurological manifestations.....	50
Table (4):	EVD Maternal & Neonatal complications..	52

List of Figures

Figure No.	Title	Page No.
(1):	Role of surface binding proteins during dengue virus entry into host cells	10
(2):	Pathogenesis of VHF	15
(3):	Ecchymosis in patient with CCHF	17
(4):	CXR of a patient with HPS.....	18
(5):	Clinical picture of dengue HF	19
(6):	Ebola virion structure	29
(7):	Ebola reservoir	29

(8):	Past Ebola outbreaks from 1976 to 2004 in Africa	31
(9):	Replication of Ebola virus in host cell	36
(10):	Lymphocyte apoptosis in Ebola infection	38
(11):	Infected monocytes release of cytokines & damage of endothelial cells	39
(12):	Ecchymosis in infected Pt with Ebola virus	49
(13):	Ebola virus values for GeneXpert Ebola Assay (NP and GP genes)& routine PCR (NP gene) for patient samples identified as positive for Ebola virus by Xpert Ebola Assay	63
(14):	Results on Quantitative RT-PCR in Initial Semen Specimens Obtained from EBOV Survivors, according to Time after Symptom Onset	67

(15):	Vaccine	side
	effects.....	
		79

List of diagrams

Diagram No.	Title	Page No.
(1):	Ebola pathogenesis & lethal effects on human body	54
(2):	Principle domains for AF management	97
(3):	Drugs & Procedures used in AF control	98