

**Prevalence of HCV & HBV Among Medical Residents in
New Damietta Hospital (Al-Azhar University Hospital)**

Thesis

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Master Degree in Tropical Medicine**

By

Mohammed Ahmed Elhabashy

(M. B. B. CH)

Under Supervision Of

Prof. Dr/ Mohamed Amer Afify

Professor and Head of Tropical medicine department

Faculty of Medicine, Al-Azhar University (Cairo)

Prof. Dr/ Mekky Abd-Elmonem Ali

Professor and Head of Clinical pathology department

Faculty of Medicine, Al-Azhar University (Damietta)

Assistant Prof. Dr/ Ahmed Ali Afify

Assistant Professor and Head of Tropical medicine department

Faculty of Medicine, Alfayom University

Faculty of Medicine

Al-Azhar University

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الطبيب/ محمد أحمد الحبشي

بكالوريوس الطب والجراحة العامه

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تحت إشراف

الأستاذ الدكتور/ محمد عامر عفيفي

أستاذ ورئيس قسم الأمراض المتوطنه - كلية الطب - جامعة الأزهر (القاهره)

الأستاذ الدكتور/ مكي عبد المنعم علي

أستاذ ورئيس قسم الباثولوجيا الإكلينيكيه - كلية الطب - جامعة الأزهر (دمياط)

أستاذ مساعد / أحمد علي عفيفي

أستاذ مساعد ورئيس قسم الأمراض المتوطنه - كلية الطب - جامعة الفيوم

كلية الطب

جامعة الأزهر

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List of Abbreviation

AFP	Alpha- fetoprotein
ALT	Alanine transaminase
Anti-HBc	Antibody to hepatitis B core antigen
Anti-HBe	Antibody to hepatitis B “e” antigen
Anti-HBs	Antibody to hepatitis B surface antigen
ASHBV	Arctic squirrel hepatitis B virus
AST	Aspartate transaminase
b-DNA	Branched DNA
Ccc DNA	Covalently closed circular DNA
CDC	Centers for Disease Control and Prevention
CHBV	Crane hepatitis B virus
CT	Computerized tomography
DHBV	Duck hepatitis B virus
DNA	Deoxyribonucleic acid
EASL	European Association for the Study of the Liver
EIA	Enzyme immuno–assay
ELISA	Enzyme linked immunosorbent assay
GBD	Global Burden of Diseases
GSHBV	Ground squirrel hepatitis B virus
GWAS	Genome wide association studies
HAI	Histological activity index
HBeAg	Hepatitis B “e” antigen
HBIG	Hepatitis B immunoglobulins
HBsAg	Hepatitis B surface antigen
HBV	Hepatitis B virus
HCC	Hepatocellular carcinoma

HCV	Hepatitis C virus
HCWs	Health care workers
HHBV	Heron hepatitis B virus
HICPAC	Hospital Infection Control Practices Advisory Committee
HIV	Human immunodeficiency virus
HVR	Hyper variable regions
IFN therapy	Interferon therapy
IgG	Immunoglobulin G
IgM	Immunoglobulin M
IL28B	Interleukin 28B
MOHP	Ministry of Health and Population
NANBH	Non-A non-B hepatitis
NIH	National Institutes of Health
NIOSH	National Institute for Occupational Safety and Health
NLI	National Liver Institute
NS	Non-structural
OR	Odds ratio
ORFs	Open reading frames
OSHA	Occupational Safety and Health Administration
Pre S-S region	Pre surface-surface region
Pre C-C region	Precore- core region
RIBA	Recombinant immune blot assay
RT-PCR	Reverse transcription polymerase chain reaction
SD	Standard deviation
SGHBV	Snow goose hepatitis B virus
STHBV	Stork hepatitis B virus
SVR	Sustained VirologicResponse
TMA	Transcription- mediated amplification
UI	Uncertainty interval
UTR	Un-translated regions
WHBV	Woodchuck hepatitis B virus
WMHBV	woolly monkey hepatitis B virus
X²	Chi-square test

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Introduction and Aim of the Work



Review of Literature

Chapter (1)



Hepatitis B viral infection

Chapter (2)



Hepatitis C viral infection

Chapter (3)



HBV and HCV in health care workers



Subjects and Methods
