

CHRONIC HEPATITIS C-VIRUS INFECTION AND RISK OF CORONARY HEART DISEASES

Thesis

Submitted for partial fulfillment of the
Requirement for Master degree of science in
Biochemistry

By

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B.Sc. Biochemistry and Chemistry (1999)

Department of Biochemistry
Faculty of Science
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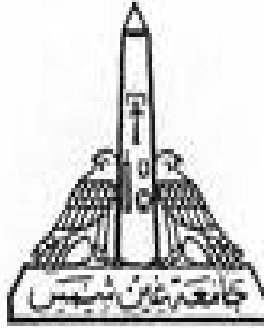
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Content

	Page
List of Abbreviations	I
List of Tables	IV
List of Figures	V
Abstract	VII
1.Introduction	1
2.Aim Of Work	4
3.Review of Literature:	
3.1.Chronic Hepatitis	4
3.1.2.Classification of chronic hepatitis	4
3.1.2.1.The Child - Pugh Score	4
3.1.3. Chronic HCV infection	6
3.1.3.1.Etiology	6
3.1.3.2.Epidemic of HCV	7
3.1.3.3.Transmission	7
3.1.3.4.Viral genome	8
3.1.3.5.Progression of disease	9
3.1.3.6.Fibrosis	10
3.1.3.7.HCV Oncogenisty	10
3.1.3.8.Viral clearance	11
3.1.3.9.Laboratory investigation	11
3.1.4.Serological tests for HCVdetection	13
3.1.4.1.First generation ELISA test (ELISA - I)	14
3.1.4.2.Second generation ELISA test (ELISA - II)	14
3.1.4.3.Third generation ELISA test (ELISA - III)	14
3.1.5.Polymerase Chain Reaction (PCR)	14
3.1.5.1.Reverse transcriptase PCR (RT - PCR)	15
3.1.5.2.Branched DNA signal amplification	15
3.1.5.3.Nested PCR (N - PCR)	16
3.2.Coronary Heart Disease	17
3.2.1.Risk factors of CHD	19
3.3. Association of ChronicHCV infection and Coronary heart disease	30

4. Subjects and Methods

4.1Subjects	34
4.1.1. Blood samples	36
4.2. Methods	38
4.2.1. Biochemical analysis	38
4.2.1.1. Determination of serum alanine transaminase (ALT) activity	38
4.2.1.2. Determination of serum aspartate transaminase (AST) activity	39
4.2.1.3. Determination of serum alkailine phosphstase (ALP) activity	40
4.2.1.4. Determination of serum g-glutamyl transferase activity	41
4.2.1.5.Determination of serum total Bilirubin level (Colorimetric method with sample blank)	42
4.2.1.6. Determination of serum Albumin level	44
4.2.1.7. Determination of serum total protein level	45
4.2.1.8. Determination of Alfa-Fetoprotein (AFP) level by ELISA technique	46
4.2.1.9. Determination of Prothrombine time	50
4.2.1.10. Determination of serum creatine kinase (CK) activity	51
4.2.1.11. Determination of serum Lactate dehydrogenase (LDH) activity	53
4.2.1.12. Determination of total cholesterol level	54
4.2.1.13. Determination of triglycerides level	55
4.2.1.14.Determination of HDL- cholesterol and LDL Cholesterol levels	57
4.2.1.15.Determination of Complete blood picture; RBCs; WBCs and platelet counts and hemoglobin level	58
4.2.2.Immuno- assay techniques	59
4.2.3. Detection of HCV – RNA	64
4.2.4. Reverse transcription for viral RNA	68
4.2.5.Amplification of Reverse-Transcribed viral RNA (C-DNA)	70
4.2.6. Detection of High sensitivity CRP	73
4.2.7. Detection of fibrinogen	80

4.2.8- Detection of Apoprotein A	82
4.3.Statistical analysis	84
5-The experimental results	67
6-Discussion	89
7-Conclusion	98
8-Recommendation	99
9. Summary	100
10.References	102
Arabic Summary	

List of Abbreviations

AAP	acryloylaminopropanol
ALT	alanine aminotransferase.
ADP	Adenosine Diphosphate
AFP	alpha feto-protein
ANA	Antinuclear antibody.
apo A	Apoprotein A
AST	aspartate aminotransferase.
ATP	Adenosyl TriPhosphate
BCG DYE	Bromcresol Green
CAD	Coronary artery disease
CDC	Center for Disease Control.
CEH	Cholesterol Ester Hydrolase
CHC	chronic hepatitis C
CHD	Coronary heart disease
CHE	Cholesterol esterase
CHOD	Cholesterol Oxidase
CHOD-PAP	Cholesterol Oxidase/P-Aminophenazone
CK	creatine kinase
CRP	C-reactive protein
DNA	Deoxyribonucleic acid.
DNA	Deoxyribonucleic acid
ELISA	enzyme linked immune sorbent assay
FCHL	familial combined hyperlipidaemia
FIB	Fibrinogen
FR	free radicals

GGT	Gamma glutamyltrans peptidase.
GK	Glycerol Kinase
G6PDH	Glucose-6-Phosphate dehydrogenase
GPO	Glycerol-3-Phosphate Oxidase
H⁺	Hydrogen ion
HBsAg	Hepatitis B surface antigen.
HBV	Hepatitis B virus.
HCC	Hepatocellular carcinoma.
HCV	Hepatitis C Virus.
HCV Ab	Hepatitis C Virus antibody.
HDL	high density lipoprotein
HDL-C	high density lipoprotein-cholesterol
HDV	Hepatitis D Virus.
HIV	Human immunodeficiency virus.
HK	Hexokinase
H₂O₂	Hydrogen peroxidase
Hs-CRP	high sensitive C-reactive protein
IFN	interferon
IgG	immunoglobulin G
IHD	ischemic heart disease
IL 1β	interleukin 1 β
IL-6	interleukin-6.
IL-6	interlukin 6
INR	International Normalized Ratio
ISI	International Sensitivity Index
KDa	Dalton
LDH	lactate dehydrogenase
LDL	low-density lipoprotein
LDL-C	low-density lipoprotein-cholesterol

Lp(a)	Lipoprotein(a)
LPL	Lipoprotein lipase
MDH	Malate Dehydrogenase
NADP	Nicotinamide adenine dinucleotide phosphate
NADPH	Nicotinamide Adenine Dinucleotide Phosphate Hydrogen
NO	nitric oxide
N-PCR	Nested PCR
NS5A	The nonstructural protein 5A
OxLDL	Oxidized LDL
PAI-1	Plasminogen activator inhibitor-1
PCR	Polymerase Chain Reaction
PEG	peginterferon
PHBA	P-Hydroxy-N-Benzylamphetamine
PMN	polymorphonuclear neutrophil leukocyte.
PNALT	persistently normal alanine aminotransferase
POD	Peroxidase
PT	Prothrombin Time
PTT	Partial Thromboplastin Time
RNA	Ribonucleic acid.
RT-PCR	Reverse transcriptase PCR
TC	Total cholesterol
TG	triglyceride
TNF-a	Tumor necrosis factor-a.
VLDL	very-low-density lipoprotein
WHO	World Health Organization.

List of Tables

	Page
Table 1 Possible effect induced by pathogens that may influence the onset and progression of the atherosclerotic lesion	31
Table 2 Serum alanine transaminase, aspartate transaminase, alkaline phosphatase, gamma glutamyl transferase, activities and serum total bilirubin, albumin and total protein and Alfa feto protein levels and INR ratio in the patients with chronic HCV liver disease	87
Table 3 Serum CK and LDH activities in the patients with chronic HCV liver disease	93
Table 4 Serum total cholesterol, triglyceride, HDL-C and LDL-C in the patients with chronic HCV liver disease	95
Table 5 Serum fibrinogen, HsCRP and APO A levels in the patients with chronic HCV liver disease	97
Table 6 show the prevalence of HsCRP in Child – Pugh score A, B and C	98
Table 7 show the prevalence of fibrinogen in Child - Pugh score A, B, and C	98
Table 8 Correlation coefficients between lipids and HsCRP, fibrinogen and Apoprotein A	102

Table 9	Relationship between Child Pugh scores A, B, C and the HCV RNA levels of all hepatic patients	105
Table 10	Relationship between the HCV RNA level and HsCRP, fibrinogen and Apoprotein A	107
Table 11	HB and WBC levels in the patients with HCV liver disease.	111