



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم



MONA MAGHRABY



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شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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MONA MAGHRABY



Diagnostic Role of Serum Golgi Protein 73 as a Biomarker for the Assessment of Significant Hepatic Fibrosis in Patients with Chronic Hepatitis B Infection

Thesis

Submitted in partial fulfillment of the Master Degree in
Internal Medicine

By

Esmail Husein Mohamud Ali

*MB.ChB, Faculty of Medicine- University of Science and
Technology (UST), Yeman*

Under supervision of

Prof. Dr. Amira Ahmed Salem

*Professor of Internal Medicine, Gastroenterology & Hepatology
Faculty of Medicine, Ain Shams University*

Dr. Ahmed Mohamed ElGhandour

*Lecturer of Internal Medicine, Gastroenterology & Hepatology
Faculty of Medicine, Ain Shams University*

Dr. Ahmed Elmetwally Ahmed

*Lecturer of Internal Medicine, Gastroenterology & Hepatology
Faculty of Medicine, Ain Shams University*

Faculty of Medicine
Ain Shams University
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قالوا

سببنا أنك لا تعلم لنا
إلا ما علمتنا أنك أنت
العليم العظيم

صدق الله العظيم

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List of Abbreviations

Abb.	Full term
<i>%</i>	<i>Percent</i>
<i>2-D</i>	<i>Two Dimensional</i>
<i>AA index</i>	<i>Alpha-fetoprotein/Activated partial thromboplastin time index</i>
<i>AAR</i>	<i>AST/ALT Ratio</i>
<i>AFP</i>	<i>Alpha-fetoprotein</i>
<i>AILD</i>	<i>Autoimmune liver disease</i>
<i>ALB</i>	<i>Albumin</i>
<i>ALT</i>	<i>Alanine aminotransferase</i>
<i>APASL</i>	<i>Asian Pacific Association for the Study of the Liver</i>
<i>API</i>	<i>AST-Platelet Index</i>
<i>APRI</i>	<i>AST/platelets ratio</i>
<i>ARFI</i>	<i>Acoustic radiation force impulse</i>
<i>ASPRI</i>	<i>Age-spleen-platelet ratio index</i>
<i>AST</i>	<i>Aspartate aminotransferase</i>
<i>AUC</i>	<i>Area under curve</i>
<i>AUROC</i>	<i>Area under receiver operating characteristic curve</i>
<i>BMI</i>	<i>Body mass index</i>
<i>CBC</i>	<i>Complete Blood Count</i>
<i>CDS</i>	<i>Cirrhosis Discriminate Score</i>
<i>CHB</i>	<i>Chronic hepatitis B</i>
<i>CHC</i>	<i>Chronic Hepatitis C</i>
<i>CI</i>	<i>Confidence interval</i>
<i>CLD</i>	<i>Chronic liver diseases</i>
<i>Cm</i>	<i>Centimeter</i>
<i>CT</i>	<i>Computed Tomography</i>
<i>DCM</i>	<i>Dilated cardiomyopathy</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>DM</i>	<i>Diabetes mellitus</i>
<i>DNA</i>	<i>Deoxyribo Nucleic Acid</i>
<i>EASL</i>	<i>European Association for the Study of the Liver</i>
<i>ECM</i>	<i>Extracellular matrix</i>
<i>ELF</i>	<i>Enhanced liver Fibrosis test</i>
<i>ESRF</i>	<i>End stage renal failure</i>
<i>F</i>	<i>Fibrosis</i>
<i>FIB-4</i>	<i>Fibrosis-4</i>
<i>g/dl</i>	<i>Gram per deciliter</i>
<i>GCP</i>	<i>Good clinical practice</i>
<i>GGT</i>	<i>Gamma-glutamyltransferase</i>
<i>GP Model</i>	<i>Globulin Platelets Model</i>
<i>GP73</i>	<i>Golgi protein 73</i>
<i>GUCI</i>	<i>Göteborg University Cirrhosis Index</i>
<i>HA</i>	<i>Hyaluronic acid</i>
<i>HAI</i>	<i>Histology Activity Index</i>
<i>HBA1C</i>	<i>Glycosylated Hemoglobin</i>
<i>HBeAg</i>	<i>Hepatitis B e antigen</i>
<i>HBIG</i>	<i>Hepatitis B immune globulin</i>
<i>HBsAg</i>	<i>Hepatitis B surface antigen</i>
<i>HBV</i>	<i>Hepatitis B virus</i>
<i>HCC</i>	<i>Hepatocellular carcinoma</i>
<i>HCV</i>	<i>Hepatitis C virus</i>
<i>HGB</i>	<i>Hemoglobin</i>
<i>HIV</i>	<i>Human immunodeficiency virus</i>
<i>HSC</i>	<i>Hepatic stellate cell</i>
<i>HTN</i>	<i>Hypertension</i>
<i>ICC</i>	<i>Intraclass correlation coefficient</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>INR</i>	<i>International normalization ratio</i>
<i>IQR</i>	<i>Inter quartile range</i>
<i>IU</i>	<i>International unit</i>
<i>IU/L</i>	<i>International Units Per liter</i>
<i>IU/mL</i>	<i>International Units Per Millilitre</i>
<i>IVDU</i>	<i>Intravenous drug user</i>
<i>KD</i>	<i>Kilodalton</i>
<i>kg</i>	<i>Kilogram</i>
<i>kg/ m2</i>	<i>Kilogram per meter squared</i>
<i>Kpa</i>	<i>Kilopascal</i>
<i>L</i>	<i>Liter</i>
<i>LAW</i>	<i>Liver stiffness, APRI, woman</i>
<i>LB</i>	<i>Liver biopsy</i>
<i>LS</i>	<i>Liver stiffness</i>
<i>LSM</i>	<i>Liver stiffness measurement</i>
<i>m/s</i>	<i>Meter per second</i>
<i>MCH</i>	<i>Mean cell hemoglobin</i>
<i>MCV</i>	<i>Mean cell volume</i>
<i>Mg</i>	<i>milligram</i>
<i>mg/dl</i>	<i>Milli Grams per deci Liter</i>
<i>MHz</i>	<i>Megahertz</i>
<i>mm</i>	<i>Millimeter</i>
<i>mmHg</i>	<i>Millimeters of mercury</i>
<i>MMP</i>	<i>Matrix metalloproteinase</i>
<i>MRE</i>	<i>Magnetic Resonant Elastography</i>
<i>MRI</i>	<i>Magnetic Resonant Imaging</i>
<i>MSM</i>	<i>Men who have sex with men</i>
<i>NAFLD</i>	<i>Nonalcoholic liver disease</i>