MELD SCORE COMPARED TO CHILD~ TURCOTTE~ PUGH SCORE AS A PREDICTOR OF POSTOPERATIVE MORTALITY IN PATIENTS WITH LIVER CIRRHOSIS UNDERGOING NON~HEPATIC SURGERY

Thesis submitted for fulfillment of the masters' degree in internal medicine

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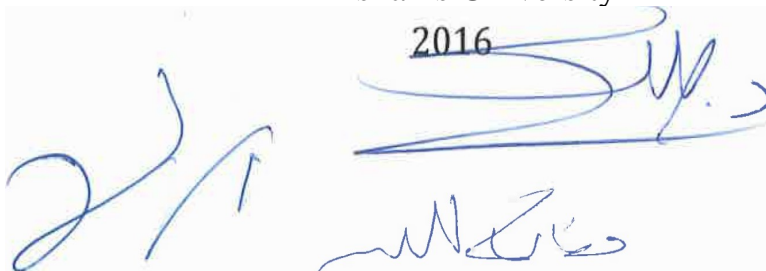
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بـسم الله الرحمن الرحيم

قالوا سُبحانك لا علمَ لنا إلا ما عَلمتنا إنك أنت العليمُ الحَكيمُ

صدق الله العظيم

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List of abbreviations

AASLD: American association society of liver disease

ADH   : Anti-diuretic hormone

ALD   : Alcoholic Liver Disease

ALP   : Alkaline phosphatase

ALF   : Acute Liver Failure

ALT   : Alanine aminotransferase

ANA   : Anti-nuclear antibody

ANP   : Atrial Natruretic Peptide

Anti-LKM   : Anti-Liver Kidney Microsomal antibody

ASA   : Age and American Society of Anesthesiologists

AST   : Aspartate aminotransferase

ATPase   : Adenosine Triphosphatase enzyme

BCCAs   : Branched-chain amino acids

Bid   : twice / day

BMI   : Body Mass Index

BUN   : Blood urea nitrogen

CA125   : Cancer Antigen 125

CBC   : Complete blood cell count

CFF   : Critical Flicker Frequency

CHE   : Covert Hepatic Encephalopathy

CI   : Confidence Interval

CLD   : Chronic Liver Disease

CNS   : Central nervous system

CRP   : C-reactive protein

CRT   : Continuous Reaction Time

CT   : Computed tomography

CTP   : Child- Turcotte- Pugh

DDAVP   : Diamino-8-D-arginine vasopressin

DIC   : Disseminated intravascular coagulation

DM   : Diabetes Mellitus

E   : Expected value

EASL: European association society of liver disease

ECG   : Electrocardiogram

EEG   : Electroencephalography

ELIZA   : Enzyme-linked immunosorbent assay

ESR   : Erythrocyte sedimentation rate

EU   : European Union

FFP   : Fresh-frozen plasma

FPR   : False positive rate

FSH   : Follicular Stimulating Hormone

GFR   : Glomerular filtration rate

GGT   : Gamma glutamyl transpeptidase

GPB   : Glyceryl phenyl butyrate

HBs Ag   : Hepatitis B surface antigen

HBV   : Hepatitis B virus

HCC   : Hepatocellular Carcinoma

HCV   : Hepatitis C Virus

HCV Ab   : Hepatitis C virus antibody

HE   : Hepatic Encephalopathy

HIV   : Human immune difficiency virus

HM   : Hepatic Myelopathy

HRS   : Hepato-renal Syndrome

ICT   : Inhibitory Control Test

ICU   : Intensive care unit

IgA   : Immunoglobulin A

IgG   : Immunoglobulin G

IgM   : Immunoglobulin M

iMELD   : Integrated MELD

INR   : International normalized ratio

ISHEN   : International Society for Hepatic Encephalopathy
                      and Nitrogen Metabolism

kPa   : Kilo Pascal

LDH   : Lactate dehydrogenase

LH   : Leutinizing Hormone

LFTs   : Liver Function Tests

LOLA   : L-ornithine L-aspartate

LR   : Likelihood ratio

LT   : Liver Transplantation

MELD   : Model for End-Stage Liver Disease

MET   : Metabolic equivalent

MHE   : Minimal Hepatic Encephalopathy

MRCP   : Magnetic retrograde Cholangiopancreatography

MRI   : Magnetic Resonance Imaging

N/A   : not applicable

N1   : Number of cases in the first group

N2   : Number of cases in the second group

NAFLD   : Nonalcoholic fatty liver disease

NASH   : Non-alcoholic steatohepatitis

NS   : Not significant

NSAIDs   : Nonsteroidal anti-inflammatory drugs

O   : Observed value

OHE   : Overt Hepatic Encephalopathy

OPTN   : Organ Procurement and Transplantation Network

OTC   : Over-the-counter

PH   : Portal Hypertension

PHES   : Psychometric Hepatic Encephalopathy

PMN   : Polymorphonuclear Leukocyte

PSE   : Portosystemic Encephalopathy

PSS   : Portosystemic Shunting

PT   : Prothrombin time

PVN   : Predictive value negative

PVP   : Predictive value positive

RCT   : Randomized Controlled Trials

RF   : Rheumatoid factor

ROC   : Receiver operating characteristic

SAAG   : Serum-Ascites Albumin Gradient

SBP   : Spontaneous Bacterial Peritonitis

SD   : Standard deviation

SD1   : Standard deviation of the first group

SD2   : Standard deviation of the second group

SPSS   : Statistical package for social science

Tid   : three times / day

TIPS   : Transjugular intrahepatic portosystemic shunt

TPR   : True positive rate

VB   : Variceal bleeding

WHC   : West Haven criteria

WM   : Working Memory

X1   : The mean of the first group

X2   : The mean of the second group

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