

Portal hypertensive colopathy in patients with liver cirrhosis using histomorphometric study for colonic mucosa before and after obliteration of esophageal and fundal varices

Thesis

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LIST OF ABBREVIATIONS

AFP	: Alpha fetoprotein
AIH	: Autoimmune hepatitis
ALT	: Alanine aminotransferase
ANA	: Antinuclear antibodies
AST	: Aspartate aminotransferase
ATPase	: Adenosine triphosphatase
bid	: twice daily
BRTO	: Balloon occluded retrograde transvenous obliteration
CBC	: Complete blood count
cm	: centimeter
CP	: Child Pugh
CRS	: Cherry red spots
CT	: Computerized tomography
dL	: Decilitre
DNA	: Deoxyribo nucleic acid
DR	: Diffuse redness
ECG	: Electrocardiogram
ECM	: Extracellular matrix
eff.	: Effervescent
EHPVO	: Extrahepatic portal vein obstructions
ERK	: Extracellular regulated kinase
ESR	: erythrocyte sedimentation rate
ET-1	: Endothelin-1
EUS	: Endoscopic ultrasound

EV	: Esophageal varices
EVL	: Esophageal variceal ligation
EVS	: Esophageal variceal sclerotherapy
EVSL	: Esophageal variceal scleroligation
FHVP	: Free hepatic venous pressure
FOBT	: Fecal occult blood test
Gamma GT	: Gamma glutamyl transferase
GAVE	: Gastric astral vascular ectasia
GFR	: Glomerular filtration rate
GIT	: Gastrointestinal tract
gm	: gram
GOV	: Gastroesophageal varices
GRS	: Gastrorenal shunt
Hb	: Hemoglobin
HBc Ab	: Hepatitis B core antibodies
HBc Ag	: Hepatic B core antigen
HBe Ag	: Hepatitis B precore antigen
HBF	: Hepatic blood flow
HBs Ag	: Hepatitis B surface antigen
HBV	: Hepatitis B
HBV-DNA	: Hepatitis B virus deoxyribonucleic acid
HCC	: Hepatocellular carcinoma
HCS	: Homocystic spots
HCT	: Hematocrit
HCV RNA	: Hepatitis C virus ribonucleic acid
HCV	: Hepatitis C
HDV	: Hepatitis delta

HGB-C	: Hepatitis GB combined
HGV	: Hepatitis G
HIPS	: Transjugular intrahepatic portosystemic shunt
HRS	: Hepatorenal syndrome
HSC	: Hepatic stellate cell
HVPG	: Hepatic vein pressure gradient
IgA	: Immunoglobulin A
IgG	: Immunoglobulin G
IgM	: Immunoglobulin M
IGV	: Isolated gastric varices
IL	: Interleukin
IMI	: Intramuscular injection
INR	: Internationally normalized ratio
IPH	: Idiopathic portal hypertension
ISDN	: Isosorbide dinitrate
ISMN	: Isosorbide mononitrate
IU	: International units
IVC	: Inferior vena cava
IVI	: Intravenous injection
JAK-STAT	: Janus kinase signal transducer and activation of transcription
K ⁺	: Potassium ion
KD	: Kilo Dalton
LGV	: Left gastric vein
LKM	: Liver kidney microsome antibodies (type I)
Log	: Logarithm
LP	: Lamina propria

LSM	: Lamina submucosa
MELD	: Model for end stage liver disease
mg	: milligram
min.	: minute
ml	: milliliter
mm	: millimeter
mm ³	: Cubic millimeter
mmHg	: Millimeter mercury
MP	: Muscularis propria
MR	: Magnetic resonance
MRCP	: Magnetic resonance cholangio-pancreatography
Na ⁺	: Sodium ion
NBCA	: N-butyl cyanoacrylate
NIEC	: North Italian Endoscopic Club
NO	: Nitric oxide
PBC	: Primary biliary cirrhosis
PDGF	: Platelet derived growth factor
PHB	: Portal hypertensive biliopathy
PHC	: Portal hypertensive colopathy
PHD	: Portal hypertensive duodenopathy
PHE	: Portal hypertensive enteropathy
PHG	: Portal hypertensive gastropathy
PHT	: Portal hypertension
PPAR- γ	: Peroxisome proliferation activated receptor- γ
PR ex	: Per rectal examination
PSS	: Portosystemic shunt
PT	: Prothrombin time

PTO	: Percutaneous transhepatic obliteration
PVP	: Portal venous pressure
PVT	: Portal vein thrombosis
qd	: per day
qid	: every 6 hours
ROC	: Receiver Operator Characteristic Curve.
RPF	: Renal plasma flow
RWM	: Red wale markings
SC	: Subcutaneous
Sec	: Second
SLA	: Soluble liver antigen
SMA	: Smooth muscle antibodies
SMS	: somatostatin
SPVT	: Splenic vein thrombosis
T and D bil	: Total and direct bilirubin
TGF β	: Transforming growth factor beta
Tid	: Thrice daily
TNF- α	: Tumor necrosis factor alpha
TZD	: Thiazolinedione
US	: Ultrasound
+ve	: positive
-ve	: negative
VEGF	: Vascular endothelial growth factor
WHVP	: Wedged hepatic vein pressure
α SMA	: Smooth muscle α actin
β_1 receptor	: Beta one adrenoceptor
β_2 receptor	: Beta two adrenoceptor
μ m	: micrometer

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