

Neuropsychiatric Presentations among Recipients after Adult-to-Adult Living Donor Liver Transplantation: A Single-Center Experience in an Egyptian Sample

Thesis

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By

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List of Abbreviations

AASLD	American Association for the Study of Liver Diseases
ACLF	Acute-on-chronic liver failure
AIH	Autoimmune hepatitis
ALD	Alcoholic liver disease
ALF	Acute liver failure
ALP	Alkaline Phosphatase
ALT	Alanine transaminase
ASCOT	Ain Shams Center for Organ Transplantation
AST	Aspartate transaminase
AUC	Area under the ROC curve
BBB	Blood-brain barrier
BDI-I	Beck Depression Inventory–I
B-G	Bendar Gestalt
BMI	Body Mass Index
BUN	Blood Urea Nitrogen
CBC	Complete blood picture
cCT	Cerebral Computed tomography
CFF	Critical Flicker Frequency
CHE	Covert HE
CHESS	Clinical Hepatic Encephalopathy Staging Scale
CI	Confidence Interval
CIDP	Chronic inflammatory demyelinating neuropathy
CIM	Critical illness myopathy

CIP Critical illness polyneuropathy
CIPD Chronic Inflammatory Demyelinating Polyneuropathy
CIT Cold Ischemia Time
CLD Chronic liver disease
cMRI Cerebral magnetic resonance imaging
CMV Cytomegalovirus
CNIs Calcineurin inhibitors
CNS Central nervous system
CPM Central pontine
CRP C-reactive protein
CRT Continuous Reaction Time
CsA Cyclosporine
CVI Cerebrovascular insufficiency
DDLT Deceased donor liver transplantation
DM Diabetes mellitus
DSM-IV axis Diagnostic and Statistical Manual of Mental Disorders- 4th edition
DWI Diffusion-weighted imaging
EBV Epstein-Barr virus
EEG Electroencephalography
EPM Extrapontine myelinolysis
ESLD End-stage liver disease
Fk Tacrolimus
FLAIR MR imaging Fluid-attenuated inversion recovery magnetic resonance imaging
GABA Gamma Amino Butyric acid
GCS Glasgow Coma Scale

GRWR Graft Recipient Weight Ratio
GVHD Graft versus host disease
HADS-A ... Hospital Anxiety & depression scales- Anxiety
HADS-D ... Hospital Anxiety & depression scales- Depression
HCC Hepatocellular carcinoma
HCV Hepatitis C virus
HE Hepatic encephalopathy
HHV-6..... Herpesvirus-6
HM Hepatic myelopathy
HR Hazard ratio
HRS Hepatorenal syndrome
HSV Herpes Simplex Virus
ICU Intensive Care Unit
IL-2..... Interleukin-2
ISHEN..... International Society for Hepatic Encephalopathy and Nitrogen Metabolism
IV Intravenous
IVIG Intra-venous Immunoglobulins
JC virus.... John Cunningham *virus*
LDL Low-density lipoprotein
LDLT Living-donor liver transplantation
LT:..... Liver transplantation
M/F Male/female
MELD Model for End-stage Liver Disease
MHE..... Minimal HE
MMF Mycophenolate mofetil

MMSE..... Mini-mental State Examination
mTOR Mammalian target of regulatory kinase rapamycin
N/A Not applicable
NC Neuropsychiatric complications
NCSE..... Non-convulsive status epilepticus
NMDA..... N-Methyl-D-aspartic acid or N-Methyl-D-aspartate
OHE Overt HE
OR Odd's ratio
PBC Primary biliary cirrhosis
PH..... Portal hypertension
PML Progressive multifocal leukoencephalopathy
PN..... Peripheral neuropathy
PNS..... Peripheral nervous system
PRES Posterior Reversible Encephalopathy Syndrome
PSC Primary sclerosing cholangitis
PSE..... Portosystemic encephalopathy
PSE..... Portosystemic encephalopathy
PSS Portosystemic shunting
PVT Portal vein thrombosis
QoL Quality of life
RBS Random blood sugar
ROC Receiver-operating characteristic
SCID-I..... Structured clinical interview
SRT Simple Reaction time test
TIPS Trans-jugular Intrahepatic Portosystemic Shunt
TMT A & B.....Trail Making Test A and B

TTP Thrombocytopenic purpura

VZV Varicella Zoster Virus

WHC West Haven Criteria

WIT Warm Ischemia Time

WM Working memory

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