Assessment of Selective Cognitive Function in Hemodialysis Patients

Thesis

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in Internal Medicine

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بِسْمِ اللهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا

سُبْحَانَكَ لَا عِلْمَ لَنَا

إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنتَ

الْعَلِيمُ الْحَكِيمُ

صَدَقَ اللهُ الْعَظِيمُ

سورة البقرة الآية: ٣٢

بسم الله الرحمن الرحيم

وأنزل الله عليك الكتاب والحكمة وَعَلَّمَكَ مَا لَمْ تَكُن تَعْلَمُ وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ عَظِيماً

صدق الله العظيم

سورة النساء الآية (١١٣)

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✎**Khaled Gouda Abd El Wahab Sanad**

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List of Abbreviations

Abbr.	Full-term
3 MS	: Modified Mini-Mental State
Ab	: Antibody
AD	: Alzheimer-type dementia
ALT	: Alanine transaminase
AMTS	: Abbreviated Mental Test Score
AST	: Aspartate transaminase
A-V fistula	: Arterio-venous fistula
BMI	: Body mass index
BP	: Blood Pressure
BUN	: Blood Urea Nitrogen
BVRT	: Benton Visual Retention Test
CAD	: Coronary Artery Disease
CATCH	: Critically attained threshold of cerebral hypo-perfusion
CBT	: Cognitive Behavioral Therapy
CI	: Cognitive Impairment
CIMT	: Carotid Intimal-Medium thickness
CKD	: Chronic kidney disease
CNS	**:** Central Nervous System
CRP	: C-Reactive Protein
CST	: Cognitive stimulation therapy

List of Abbreviations (Cont.)

Abbr.	Full-term
CVD	: Cardiovascular disease
DM	: Diabetes mellitus
DSM-IV-TR	: Diagnostic and Statistical Manual of Mental Disorders-IV-Text Revision
eGFR	: Estimated glomerular filtration rate
ESRD	: End stage renal disease
FDA	: Food and drug administration
Hb	: Hemoglobin
HCV	: Hepatitis c virus
HD	: Hemodialysis
HDL	: High density lipoprotein
HTN	: Hypertension
IMT	: Intimal-medium thickness
in	: inch
INR	: international normalized ratio
iPTH	: Intact parathyroid hormone
IQR	: Interquartile range
K	: Potassium
kg/m^2	: Kilogram/meter square
LDL	: Low density lipoprotein

List of Abbreviations (Cont.)

Abbr.	Full-term
LM	: Logical Memory
LVD	: Left ventricular dysfunction
MAP	: Mean arterial pressure
MDD	: Major depressive disorder
Mg	: Magnesium
mm	: Millimeter
mmol	: Milli mole
MMSE	: Mini mental state examination
MOCA	: Montreal Cognitive Assessment
MRI	: Magnetic resonance imaging
Na	: Sodium
NEAR	: Neuropsychological Educational Approach to Rehabilitation
pg	: Picogram/milliliter
Po$_4$	: Phosphate
RO	: reverse osmosis
SD	: Standard Deviation
SMMSE	: Standardized Mini-Mental State Examination
SPSS	: Statistical package for social science
TMT-A	: Trial of making test part A
TMT-B	: Trial of making test part B

List of Abbreviations (Cont.)

Abbr.	Full-term
UK	: United Kingdom
URR	: Urea reduction ratio
VaD	: Vascular dementia
VCI	: Verbal Comprehension Index
VPA	: Visual Paired Associates
VP	: Visual Reproduction
WAIS	: Wechsler Adult Intelligence Scale
WMS	: Wechsler Memory Scale

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