

Relation of changes in endothelin-1 level during dialysis with intradialytic hypertension

Thesis

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List of Abbreviations

Abb.	Meaning
ACE	: Angiotensin-converting enzyme
ACP	: American College of Physicians
ACR	: Albumin -creatinine ratio
ADMA	: Asymmetric dimethyl arginine
AKI	: Acute kidney injury
ARB	: Angiotensin II receptor blocker
AUC	: Area under curve
AVF	: Arteriovenous fistula
BMI	: Body mass index
BP	: Blood pressure
BUN	: Blood urea nitrogen
CCBs	: Calcium channel blockers
CGA	: Cause – glomerular filtration- albuminuria
CI	: Confidence interval
CKD	: Chronic kidney disease
CKD-EPI	: Kidney Disease Epidemiology Collaboration
CLIMB	: Crit-Line Intradialytic Monitoring Benefit
CVD	: Cardiovascular disease
DA	: Diagnostic accuracy
DBP	: Diastolic blood pressure

ECE	: Endothelin-converting enzyme
ECM	: Extracellular matrix
eGFR	: Estimated glomerular filtration rate
EPO	: Erythropoietin
ESAs	: Erythropoietin stimulating agents
ESKD	: End-stage kidney disease
ET-1	: Endothelin 1
GEnC	: Glomerular endothelial cells
GFR	: Glomerular filtration rate
HD	: Hemodialysis
HIV	: Human immunodeficiency virus
IDH	: Intradialytic hypertension
IL-1	: Interleukin-1
KDIGO	: Kidney Disease Improving Global Outcomes
KDOQI	: Kidney Disease Outcomes Quality Initiative
LDL	: Low-density lipoproteins
LR-	: Negative likelihood ratio
LR+	: Positive likelihood ratio
MAP	: Mean arterial blood pressure
MDRD	: Modification of Diet in Renal Disease
MRAs	: Mineralocorticoid receptor antagonists
NKF	: National Kidney Foundation
NO	: Nitric oxide
NPV	: Negative Predictive value

NSAIDs	: Non steroidal anti-inflammatory drugs
PDGF	: Platelet-derived growth factor
PPV	: Positive Predictive value
RAS	: Renin-angiotensin system
ROS	: Reactive oxygen species
RRT	: Renal replacement therapy
SBP	: Systolic Blood Pressure
SE	: Standard error
TGFβ	: Transforming growth factor beta
TIBC	: Total iron binding capacity
TNFα	: Tumor necrosis factor alpha
TSAT	: Total saturation of iron
TxA2	: Thromboxane A2
UF	: Ultrafiltration
US	: United states

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Introduction



Aim of the Work



Review of Literature

Chapter (1)



Chronic Kidney Disease

Chapter (2)



Intradialytic Hypertension
