



THE EFFECT OF HEMODIAFILTRATION ON HEART RATE VARIABILITY IN CHRONIC RENAL FAILURE PATIENTS

Thesis By

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Dedication

*To my Father and my Mother who
taught me the principles and patience*

To my husband who supported me

*To my kids and all my professors
and colleagues*

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List of Abbreviations

Abbreviation	Meaning
ACEI	Angiotensin converting enzyme inhibitor
ACLS	Advanced cardiac life support
ADMA	Assymmetric dimethylarginine
BMI	Body mass index
BP	Blood pressure
Ca	Calcium
CAPD	Continuous ambulatory peritoneal dialysis
CCPD	Continuous cyclic peritoneal dialysis
CFU	Colony forming units
CKD	Chronic kidney disease
CRD	Chronic renal disease
CRF	Chronic renal failure
CRI	Chronic renal insufficiency
CRP	C reactive protein
ECC	Extracorporeal circuit
ECG	Electrocardiogram
EPO	Erythropoietin
ESRD	End stage renal disease
EU	Endotoxin units
GFR	Glomerular filtration rate
GH	Growth hormone

HD	Hemodialysis
HDF	Hemodiafiltration
HDL	High density lipoprotein
HF	High frequency
HOPE	the Heart Outcomes Prevention Evaluation
HR	Heart rate
HRV	Heart rate variability
IDH	Intradialytic hypotension
IgA	Immunoglobulin A
IGFBPs	Insulin like growth factor binding proteins
IGFs	Insulin like growth factors
IgM	Immunoglobulin M
IL-6	Interleukin-6
LDL	Low density lipoprotein
LF	Low frequency
LV	Left ventricle
LVH	Left ventricular hypertrophy
MI	Myocardial infarction
MMW	Middle molecular weight
NN	Normal to normal intervals
NSAIDs	Non Steroidal Anti Inflammatory Drugs
ol-HDF	on line-Hemodiafiltration
P	Phosphorus
PLT	Platelets
PSD	Power spectrum density