

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكرو فيلم

قسم

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بالرسالة صفحات لم ترد بالأصل



Inflammatory Markers in Patients with Chronic Kidney Disease and on Hemodialysis: Associations with Protein-Energy Wasting and Atherosclerosis

Thesis submitted for partial fulfillment of M.Sc in internal medicine

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ABSTRACT

-Carotid intima media thickness is very important in assessing risk of atherosclerosis and should be performed annually for HD patients.

-Pentraxin 3 assay whenever possible should be assessed for HD patients and those at risk of developing atherosclerosis.

-More research should be done on benefits of statin therapy in HD patients as anti-inflammatory drug.

KAY WORDS

Inflammatory

Patients

atherosclerosis

List of abbreviations

ABG: Arterial blood gases.

ACE: angiotensin converting enzyme.

Adj CCr: adjusted to body surface area creatinine clearance.

Alb: albumin.

ALP: Alkaline phosphatase.

ARF: acute renal failure.

AST: Aspartate transferase.

ATN: Acute tubular necrosis.

AUC: Area under the curve.

BP: Arterial blood pressure.

BUN: Blood urea nitrogen.

CBC: Complete blood count.

CK: Creatine kinase.

CKD: chronic kidney disease.

CK-MB: isotype MB of creatine kinase.

CMV: cytomegalovirus.

CrCl: creatinine clearance.

CUrea: urea clearance.

CVS: Cerebrovascular stroke.

Cys formula: cystatin c formula.

C&G: Cockcroft and Gault formula.

Da: Dalton.

DIC: Disseminated intravascular coagulation.

DKA: diabetic Keto acidosis.

Tc^{125m} -DTPA: technetium 125 metastable

Cr⁵¹-EDTA: chromium 51 ethylenediaminetetraacetic acid.

ECF: extra cellular fluid.

e.GFR: Estimated glomerular filtration rate

Eq: equation.

FELi: fractional excretion of lithium.

FENa: fractional excretion of sodium.

GFR: Glomerular Filtration Rate.

HDL: high density lipoprotein.

HF: heart failure.

HPLC: High-performance liquid chromatography.

HRP: horseradish peroxidase.

HUS: hemolytic uremic syndrome.

INR: international normalized ratio.

IV: intravenous.

K: serum potassium.

K/DOQI: Kidney and dialysis outcome quality initiatives.

kDa: kilo Dalton.

KI: potassium iodide.

Kg: kilogram.

PPV: positive predictive value.

MDRD: Modification of Diet and Renal Diseases.

MI: myocardial infarction.

Mm: millimole.

Mod.MDRD: modified formula of Modification of Diet and Renal Diseases.

MW: molecular weight.

Na: serum sodium.

NGAL: Neutrophil gelatinase-associated lipocalin.

NHANES III: Third National Health and Nutrition Examination Survey

NPV: negative predictive value.

NSAIDS: non steroidal anti inflammatory drugs.

NSTEMI: non ST segment elevation MI.

Pcr: plasma creatinine.

PCT: proximal convoluted tubules.

PNa: plasma sodium concentration.

PPV: positive predictive value.

PTH: parathyroid hormone.

RA: rheumatoid arthritis.

RBS: random blood sugar.

S.Cr: serum creatinine.

SD: standard deviation.

SLE: systemic lupus erythromatosis.

STEMI: ST segment elevation MI.

TG: triglycerides.

Temp: body temperature.

T_{1/2}: half life.

TTP: thrombotic thrombocytopenic purpura.

Urinary cr: urinary creatinine.

UNa: urine sodium concentration.

WBC: white blood cell count.

Wt: body weight.

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