Efficacy of Short-Term Low Dose Versus High Dose Statin in Preventing Contrast-Induced Nephropathy

Thesis Submitted For Partial Fulfillment of Master Degree In Cardiology

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تحديد مدى فعالية جرعة منخفضة من الستاتين مقابل جرعة مرتفعة من الستاتين في الوقاية من اعتلال الكلية الناجم عن صبغة التباين

أطروحة المقدمة عن التنفيذ الجزئي من درجة الماجستير في $\lor \ \ \lor \ \ \lor$

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List of Abbreviations

Abb. Full term ACE Angiotensin converting enzyme ARBS Angiotensin receptor blockers CA ····· Coronary angiography CC ····· Cubic centimeter CHF congestive heart failure CIN Contrast induced nephropathy CKD...... Chronic kidney disease CM ····· Contrast-media CVD Cardiovascular diseases DM ····· Diabetes mellitus ECG ····· Electrocardiogram FDA ····· The Food and Drug Administration Gm····· Gram GFR ····· Glomerular filtration rate Hr · · · · · Hour IABP intra aortic balloon pump. HDL High density lipoprotein HMG-CoA····· Hydroxymethylglutarylcoenzyme A IV Intravenous Kg ····· Kilogram LDLLow density lipoprotein LVEF..... Left ventricular ejection fraction Mg · · · · · Milligram Mg/dL · · · · · Milligram per deciliter ML····· Milliliter MmHg..... Millimeter Mercury Mosmol · · · · · Miliosmolal NAC ······ N- Acetylcysteine NKF ····· National Kidney Foundation NO ····· Nitric oxide NSAIDs Non-steroidal anti-inflammatory drugs O2 ·····Oxygen PCI ····· Percutaneous coronary intervention PGE1 ····· Prostaglandin E1 S.Cr ····· Serum creatinine TG ····· Triglyceride

VLDL Very low density lipoprotein

Vs.....Versus

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Introduction



Aim of Work



Review of Literature



Patients and Methods



Results



Discussion



Summary

