

Angiographic Study of Coronary Artery Disease In Diabetic  
Patients In Comparison With Non Diabetic Patients With  
Non ST Segment Elevation Acute Coronary Syndrome

***Thesis***

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
( قَالُوا سُبْحَانَكَ لَا عِلْمَ  
لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ  
أَنْتَ الْعَلِيمُ الْحَكِيمُ )  
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# *Contents*

Subjects	Page
• <b>Introduction</b> .....	
• <b>Aim of the Work</b> .....	
• <b>Review of literature</b> .....	1
- Unstable Angina and Non-ST- Elevation Myocardial Infarction	1
- Evaluation of UA/NSTEMI	23
- Coronary angiography	55
- Coronary Artery Disease and Diabetes Mellitus	79
• <b>Patients of methods</b> .....	106
• <b>Result</b> .....	112
• <b>Discussion</b> .....	137
• <b>Conclusion</b> .....	150
• <b>Summary</b> .....	151
• <b>References</b> .....	154

## *List of Tables*

<b>Table No.</b>	<b>Title</b>	<b>Page</b>
<b>Table (1)</b>	Braunwald Clinical Classification of Unstable Angina or Non-ST Elevation Myocardial Infarction.	5
<b>Table (2)</b>	Causes of UA/NSTEMI.	14
<b>Table (3)</b>	Three Principal Presentations of UA.	16
<b>Table (4)</b>	Likelihood that signs and symptoms represent an ACS secondary to CAD.	24
<b>Table (5)</b>	Short term Risk of Death Nonfatal MI in patients with UA/NSTEMI.	25
<b>Table (6)</b>	Diabetes mellitus: 1997 ADA Diagnostic criteria.	50
<b>Table (7)</b>	Treatment options based on accumulated evidence.	61
<b>Table (8)</b>	Trials addressing DM and revascularization for multi-vessel disease.	69
<b>Table (9)</b>	Comparison between the two groups regarding age.	79
<b>Table (10)</b>	Comparison between the two groups regarding sex.	79
<b>Table (11)</b>	Comparison between the two groups regarding risk factors.	81
<b>Table (12)</b>	Comparison between the two groups regarding clinical data.	83

## 📖 List of Tables

Table No.	Title	Page
<b>Table (13)</b>	Comparison between the two group regarding ST depression ion.	84
<b>Table (14)</b>	Comparison between the two groups regarding total CPK and CKMB.	86
<b>Table (15)</b>	Comparison between the two groups regarding troponin T.	87
<b>Table (16)</b>	Comparison between the two groups regarding CRP.	89
<b>Table (17)</b>	Comparison between the two groups regarding number of vessels with lesions more or equal than 70 %.	91
<b>Table (18)</b>	Comparison between the two groups regarding distribution of coronary affection.	93
<b>Table (19)</b>	Comparison between the two groups regarding visible thrombus.	94
<b>Table (20)</b>	Comparison between the two groups regarding collateral circulations.	95
<b>Table (21)</b>	Comparison between the two groups regarding type of lesion.	96
<b>Table (22)</b>	Comparison between the two groups regarding type of procedures.	98
<b>Table (23)</b>	Studies in agreement with the present one.	105
<b>Table (25)</b>	Studies with different results.	106

## *List of figures*

<b>Figure No.</b>	<b>Title</b>	<b>Page</b>
<b>Fig. (1)</b>	Acute Coronary Syndromes.	7
<b>Fig. (2)</b>	A vulnerable plaque.	9
<b>Fig. (3)</b>	Unstable fibrous atherosclerotic plaque.	12
<b>Fig. (4)</b>	Causes of UA/NSTEMI.	15
<b>Fig. (5)</b>	Algorithm for Evaluation and Management of Patients Suspected of Having ACS.	22
<b>Fig. (6)</b>	Comparison between the two groups regarding sex.	80
<b>Fig. (7)</b>	Comparison between the two groups regarding risk factors.	81
<b>Fig. (8)</b>	Comparison between the two groups regarding chest pain.	83
<b>Fig. (9)</b>	Comparisons between the two groups regarding ST depression.	85
<b>Fig. (10)</b>	Comparison between the two groups regarding T wave inversion.	85
<b>Fig. (11)</b>	Comparison between the two groups regarding total CPK.	87
<b>Fig. (12)</b>	Comparison between the two groups regarding troponin T.	88
<b>Fig. (13)</b>	Comparison between the two groups regarding CRP.	89
<b>Fig. (14)</b>	Comparison between the two groups regarding number of vessels with lesions more or equal than 70 %.	92

<b>Figure No.</b>	<b>Title</b>	<b>Page</b>
<b>Fig. (15)</b>	Comparison between the two groups regarding distribution of coronary affection.	93
<b>Fig. (16)</b>	Comparison between the two groups regarding visible thrombus.	94
<b>Fig. (17)</b>	Comparison between the two groups regarding collateral circulations	95
<b>Fig. (18)</b>	Comparison between the two groups regarding type of lesion.	99
<b>Fig. (19)</b>	Comparison between the two groups regarding type of procedures.	96
<b>Fig. (20)</b>	An anteroposterior view with caudal angulation demonstrates totally occluded LCX after giving OM and proximal tight lesion of Ramus.	153
<b>Fig. (21)</b>	Right cranial view demonstrates atherosclerotic LAD showing ostial stenosis 90% followed by another 90% lesion.	153
<b>Fig. (22)</b>	Anteroposterior cranial view show atherosclerotic RCA with no significant stenosis.	154
<b>Fig. (23)</b>	Anteroposterior cranial view (PDA shows proximal 80% lesion gives collaterals to CX).	154
<b>Fig. (24)</b>	An anteroposterior view with cranial angulations demonstrates severe stenosis of the distal left main coronary artery.	155
<b>Fig. (25)</b>	An anteroposterior posterior view with cranial angulation shows a diseased beaded proximal segment of LAD.	155



## List of Figures

Figure No.	Title	Page
<b>Fig. (26)</b>	Left anterior oblique view of RCA shows stenosis in its mid segment	156
<b>Fig. (27)</b>	Right oblique view with cranial angulations show proximal LAD stenosis.	157
<b>Fig. (28)</b>	Lateral view shows LCX stenosis in its mid segment.	157
<b>Fig. (29)</b>	ECG Shows depressed ST segment from V2 to V6 and inverted T wave in lead II, III, a VF, V2-V6.	158
<b>Fig. (30)</b>	ECG Shows depressed ST segment and inverted T in lead V3-V6.	159
<b>Fig. (31)</b>	ECG Shows inverted in lead V1-V6.	160

*List of Abbreviations*

<b>ACC</b>	American College of Cardiology
<b>ACE</b>	Angiotensin Converting Enzyme
<b>ACS</b>	Acute Coronary Syndrome
<b>ADA</b>	American Diabetes Association
<b>ADMA</b>	Asymmetrical Dimethyl Arginine
<b>ADPase</b>	Adenosine Diphosphate
<b>AGE</b>	Advanced Glycation End product
<b>AHA</b>	American Heart Association
<b>AMI</b>	Acute Myocardial Infarction
<b>AP-1</b>	Activator Protein 1
<b>Apo B</b>	Apoprotein B
<b>ARTS</b>	Arterial Revascularization Therapy Study
<b>ASA</b>	Acetyl Salicylic Acid
<b>AST, SGOT</b>	Aspartate Aminotransferase
<b>AV</b>	Atrioventricular
<b>BARI</b>	Bypass Angioplasty Revascularization Investigation
<b>BNP</b>	B-type Natriuretic Peptide
<b>BP</b>	Blood Pressure
<b>CABG</b>	Coronary Artery Bypass Graft
<b>CABRI</b>	Coronary Angioplasty versus Bypass Revascularization Investigation

<b>CAD</b>	Coronary Artery Disease
<b>CASS</b>	Coronary Artery Surgery Study
<b>CCB</b>	Calcium Channel Blocker
<b>CCS</b>	Canadian Cardiovascular Society
<b>CCU</b>	Coronary Care Unit
<b>CCV</b>	Coronary Collateral Vessels
<b>CHD</b>	Coronary Heart Disease
<b>CK-MB</b>	Creatine Kinase-Myocardial Band
<b>CMR</b>	Cardiac Magnetic Resonance
<b>CRP</b>	C-Reactive Protein
<b>CT</b>	Computed Tomography
<b>cTn</b>	Cardiac Troponin
<b>CURE</b>	Clopidogrel in Unstable Angina to Prevent Recurrent Events trial
<b>CVD</b>	Cardiovascular Disease
<b>d</b>	day
<b>D</b>	Diagonal artery
<b>DES</b>	Drug-Eluting Stent
<b>DIGAMI</b>	Diabetes and Insulin-Glucose Infusion in Acute Myocardial Infarction
<b>DM</b>	Diabetes Mellitus
<b>ECG</b>	Electrocardiogram
<b>ED</b>	Emergency Department

<b>EMS</b>	Emergency Medical Services
<b>ESC</b>	European Society of Cardiology
<b>ESSENCE</b>	Efficacy and Safety of Subcutaneous Enoxaparin in Unstable Angina and Non-Q Wave Myocardial Infarction trial
<b>FBG</b>	Fasting Blood Glucose
<b>FGP</b>	Fasting Plasma Glucose
<b>FG</b>	Fasting Glucose
<b>FRIC</b>	FRagmin In unstable Coronary artery disease
<b>FRISC</b>	Fast Revascularization During Instability in Coronary Artery Disease
<b>FRISC-II</b>	Fast Revascularization During Instability in Coronary Artery Disease-II
<b>GDF15</b>	Growth Differentiation Factor-15
<b>GP</b>	Glycoprotein
<b>GP IIb/IIIa</b>	Glycoprotein IIb/IIIa
<b>GRACE</b>	Global Registry of Acute Coronary Events
<b>GUSTO</b>	Global Utilization of Streptokinase and t-PA for Occluded Arteries
<b>h</b>	hour
<b>Hb</b>	Hemoglobin

<b>HDL-C</b>	High-Density Lipoprotein Cholesterol
<b>HF</b>	Heart Failure
<b>ICU</b>	Intensive Care Unit
<b>IFG</b>	Impaired Fasting Glucose
<b>IGT</b>	Impaired Glucose Tolerance
<b>IHD</b>	Ischemic Heart Disease
<b>IL</b>	Interleukin
<b>IU</b>	International Unit
<b>IV</b>	Intravenous
<b>JNC 7</b>	Seventh Joint National Committee on High Blood Pressure
<b>kg</b>	kilogram
<b>LAD</b>	Left Anterior Descending Coronary Artery
<b>LCX</b>	Left Circumflex Artery
<b>LDL-C</b>	Low-Density Lipoprotein Cholesterol
<b>LMCA</b>	Left Main Aortic artery
<b>LMWH</b>	Low-Molecular-Weight Heparin
<b>LV</b>	Left Ventricular
<b>MACE</b>	Major Adverse Cardiac Event
<b>MI</b>	Myocardial Infarction
<b>MR</b>	Mitral Regurgitation
<b>MVO<sub>2</sub></b>	Myocardial Oxygen Demand

<b>NADP</b>	Nicotinamied Adenosine Phosphate
<b>NCEP</b>	National Cholesterol Education Program
<b>NO</b>	Nitric Oxide
<b>NOS</b>	Nitric oxide synthase
<b>NS</b>	nonsignificant
<b>NSTEMI</b>	Non–ST-Segment Elevation Myocardial Infarction
<b>NTG</b>	Nitroglycerin
<b>NT-proBNP</b>	N-terminal B-type Natriuretic Peptide
<b>OASIS</b>	Organization to Assess Strategies for Ischemic Syndromes
<b>OGT</b>	Oral Glucose Tolerance
<b>OR</b>	Odds Ratio
<b>OM</b>	Obtuse Margin Artery
<b>PCI</b>	Percutaneous Coronary Intervention
<b>PKC</b>	Protein Kinase C
<b>PTCA</b>	Percutaneous Transluminal Coronary Angioplasty
<b>PURSUIT</b>	Platelet Glycoprotein IIb/IIIa in Unstable 16 Angina: Receptor Suppression Using Integrilin Therapy
<b>QCA</b>	Quantitative Coronary Angiography
<b>QMI</b>	Q wave Myoca3rdial Infarction

<b>RCA</b>	Right Coronary Artery
<b>REACT</b>	Rapid Early Action for Coronary Treatment
<b>RR</b>	Risk Ratio
<b>SCAI</b>	Society for Cardiovascular Angiography and Interventions
<b>SD</b>	Standard deviation
<b>SHOCK</b>	SHould we emergently revascularize Occluded Coronaries for cardiogenic shocK study
<b>SoS</b>	Stent or Surgery
<b>STEMI</b>	ST-Elevation Myocardial Infarction
<b>STS</b>	Society of Thoracic Surgeons
<b>SVG</b>	Saphenous Vein Graft
<b>SYNERGY</b>	Superior Yield of the New Strategy of Enoxaparin, Revascularization and Glycoprotein IIb/IIIa Inhibitors trial
<b>TACTICS-TIMI 18</b>	Treat Angina with Aggrastat and determine Cost of therapy with Invasive or Conservative Strategy (TACTICS) TIMI-18 trial
<b>TARGET</b>	Do Tirofiban and ReoPro Give Similar Efficacy Outcomes Trial