

## LIST OF TABLES

<b>Table</b>		<b>Page</b>
<b>1.</b>	Preoperative history among studied groups	<b>29</b>
<b>2.</b>	Preoperative laboratory results among groups	<b>31</b>
<b>3.</b>	Preoperative lipid profile	<b>32</b>
<b>4.</b>	Post operative laboratory results	<b>33</b>
<b>5.</b>	Post operative lipid profile	<b>34</b>
<b>6.</b>	Postoperative complications	<b>35</b>
<b>7.</b>	Comparison between the studied groups according to TG	<b>38</b>
<b>8.</b>	Comparison between groups according to cholesterol	<b>39</b>
<b>9.</b>	Comparison between the studied groups according to LDL	<b>40</b>
<b>10.</b>	Comparison between the studied groups according to HDL	<b>41</b>

## LIST OF FIGURES

<b>Figure</b>		<b>Page</b>
1.	Molecular structure of Atorvastatin.	2
2.	Three dimension Molecular structure of Atorvastatin.	2
3.	Dual mechanism of action of statins	3
4.	CABG	19
5.	Coronary artery bypass surgery	20
6.	Comparison between the different studied groups according to preoperative history	30
7.	Comparison between the control group and group 1 according to postoperative complications	35
8.	Comparison between the control group and group 2 according to postoperative complications	37
9.	Comparison between studied groups according to TG	38
10.	Comparison between studied groups according to cholesterol	39
11.	Comparison between studied groups according to LDL	40
12.	Comparison between studied groups according to HDL	41

## LIST OF ABBREVIATIONS

<b>CABG</b>	: Coronary artery bypass graft
<b>CPB</b>	: Cardio pulmonary bypass graft
<b>ACS</b>	: Acute coronary syndrome
<b>MVA</b>	: Mevalonic acid
<b>TG</b>	: Triglyceride
<b>HDL</b>	: High density lipoprotein
<b>LDL</b>	: Low density lipoprotein
<b>CK</b>	: Creatinine kinase
<b>STEMI</b>	: <i>ST elevation myocardial infarction</i>
<b>ATP</b>	: Adenosine triphosphate
<b>ADP</b>	: Adenosine diphosphate
<b>CAD</b>	: Coronary artery disease
<b>NO</b>	: <i>Nitric oxide</i>
<b>CRP</b>	: <i>C reactive protein</i>
<b>MCA</b>	: Middle cerebral artery
<b>TF</b>	: Tissue factor
<b>SMC</b>	: Smooth muscle cell
<b>MACES</b>	: Major adverse cardiac events