# بسم الله الرحمن الرحيم


MONA MAGHRABY

# شبكة المعلومات الجامعية

# التوثيق الالكتروني والميكروفيلم

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شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

# جامعة عين شمس

# التوثيق الإلكتروني والميكروفيلم

# قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

# يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

***MONA MAGHRABY***

# EARLY OUTCOMES OF CLOSED VERSUS OPEN LEFT ANTERIOR DESCENDING ARTERY ENDARTERECTOMY IN PATIENTS UNDERGOING CORONARY ARTERY BYPASS GRAFTING

**Thesis**

*Submitted for Partial Fulfillment of the Requirements*
*Of Master Degree in Cardiothoracic Surgery*

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**Ahmed Mohamed Awed**

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| | | |
|---|---|---|
| **AF** | : | **Atrial Fibrillation** |
| **ABG** | : | **Arterial Blood Gas** |
| **ACT** | : | **Activated Clotting Time** |
| **CABG** | : | **Coronary Artery Bypass Grafting** |
| **CAD** | : | **Coronary Artery Disease** |
| **CBC** | : | **Complete Blood Count** |
| **CC** | : | **Cross Clamp** |
| **CE** | : | **Coronary Endarterectomy** |
| **CK** | : | **Creatine Kinase** |
| **COPD** | : | **Chronic Obstructive Pulmonary Disease** |
| **COVID-19** | : | **Corona Virus Disease 2019** |
| **CPB** | : | **Cardiopulmonary Bypass** |
| **DCAD** | : | **Diffuse Coronary Artery Disease** |
| **ECLA** | : | **Excimer Coronary Laser Atherectomy** |
| **EF** | : | **Ejection Fraction** |
| **IABP** | : | **Intra-Aortic Balloon Pump** |
| **ICU** | : | **Intensive Care Unit** |
| **IHD** | : | **Ischemic Heart Disease** |
| **INR** | : | **International Normalized Ratio** |
| **LAD** | : | **Left Anterior Descending** |
| **LAD-CE** | : | **Left Anterior Descending – Coronary Endarterectomy** |
| **LCX** | : | **Left Circumflex Artery** |
| **LIMA** | : | **Left Internal Mammary Artery** |
| **LMCA** | : | **Left Main Coronary Artery** |

| | | |
|---|---|---|
| **LV** | **:** | **Left Ventricle** |
| **LVEDD** | **:** | **Left Ventricular End Diastolic Diameter** |
| **LVESD** | **:** | **Left Ventricular End Systolic Diameter** |
| **LSV** | **:** | **Left Sinus of Valsalva** |
| **MI** | **:** | **Myocardial Infarction** |
| **NYHA** | **:** | **New York Heart Association** |
| **NS** | **:** | **Non-Significant** |
| **OPCAB** | **:** | **Off-Pump Coronary Artery Bypass** |
| **PCI** | **:** | **Percutaneous Coronary Intervention** |
| **PDA** | **:** | **Posterior Descending Artery** |
| **Pm** | **:** | **Pico meter** |
| **PSVT** | **:** | **Paroxysmal Supra Ventricular Tachycardia** |
| **PTCRA** | **:** | **Percutaneous Transluminal Coronary Rotational Atherectomy** |
| **PT** | **:** | **Prothrombin Time** |
| **PTT** | **:** | **Partial Thormboplastin Time** |
| **RBS** | **:** | **Random Blood Sugar** |
| **RCA** | **:** | **Right Coronary Artery** |
| **RSV** | **:** | **Right Sinus of Valsalva** |
| **RV** | **:** | **Right Ventricle** |
| **SVG** | **:** | **Saphenous Vein Graft** |
| **VF** | **:** | **Ventricular Fibrillation** |

Chapter 1

# *Introduction*

**1-1-Research Background.**

**1-2-Study Aims and Objectives.**

**1-3-Study Structure.**