



شبكة المعلومات الجامعية  
التوثيق الإلكتروني والميكرو فيلم

# بسم الله الرحمن الرحيم



**MONA MAGHRABY**



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# شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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# 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**



# **Ain Shams University Hospitals' Registry for Implantable Cardioverter Defibrillator (The ASUH ICD Registry): A Single Center Experience**

*Thesis*

*Submitted for Partial Fulfillment of Master  
Degree in Cardiology*

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*2021*

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

# قَالَ

سَبَّحَانَكَ لَا إِلَهَ إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ  
الْعَلِيمُ الْعَظِيمُ

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# Dedication

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# *List of Abbreviations*

| Abb.          | Full term                                                |
|---------------|----------------------------------------------------------|
| ACC .....     | American College of Cardiology                           |
| ACE-I.....    | Angiotensin converting enzyme inhibitors                 |
| ACS.....      | Acute coronary syndrome                                  |
| AF .....      | Atrial fibrillation                                      |
| AHA .....     | American Heart Association                               |
| AID .....     | Automatic Implantable Defibrillator                      |
| ARR .....     | Absolute risk reduction                                  |
| ARVC.....     | Arrhythmogenic right ventricular dysplasia               |
| ATP.....      | Antitachycardia pacing                                   |
| AV .....      | Atrio-ventricular                                        |
| BPA.....      | Battery Performance Alert                                |
| Bpm .....     | Beat per minute                                          |
| BUN.....      | Blood urea nitrogen                                      |
| CABG.....     | Coronary artery bypass grafting                          |
| CAD .....     | Coronary artery disease                                  |
| CCU .....     | Cardiac Care Unit                                        |
| CE.....       | Conformité Européenne (European<br>Conformity)           |
| CHD.....      | Congenital heart disease                                 |
| CHF .....     | Congestive Heart Failure                                 |
| CI .....      | Confidence interval                                      |
| CIEDs .....   | Cardiac implantable electronic devices                   |
| CL .....      | Cycle length                                             |
| COVID-19..... | Coronavirus disease of 2019                              |
| CPR.....      | Cardiopulmonary Resuscitation                            |
| CPVT .....    | Catecholaminergic polymorphic Ventricular<br>Tachycardia |
| CRT-D.....    | Cardiac resynchronization Therapy<br>Defibrillator       |
| DCM .....     | Dilated cardiomyopathy                                   |

## *List of Abbreviations Cont...*

| Abb.                    | Full term                                    |
|-------------------------|----------------------------------------------|
| DFT.....                | Defibrillation threshold                     |
| ECG .....               | Electrocardiogram                            |
| EF .....                | Ejection Fraction                            |
| EGM .....               | Electrogram                                  |
| EOL .....               | End of life                                  |
| EP .....                | Electrophysiology                            |
| EPS .....               | Electrophysiological studies                 |
| ER.....                 | Emergency room                               |
| ERI.....                | Elective Replacement Indicator               |
| ESC.....                | European Society of Cardiology               |
| FDA .....               | Food and Drug Administration                 |
| GDMT.....               | Guideline-Directed Medical Therapy           |
| HCM .....               | Hypertrophic Cardiomyopathy                  |
| HF.....                 | Heart Failure                                |
| HF <sub>rEF</sub> ..... | Heart Failure with reduced ejection fraction |
| HOCM .....              | Hypertrophic Obstructive cardiomyopathy      |
| HR.....                 | Hazard ratio                                 |
| HRS .....               | Heart Rhythm Society                         |
| ICD .....               | Implantable Cardioverter Defibrillators      |
| ICM.....                | Ischemic cardiomyopathy                      |
| ID.....                 | Identity document                            |
| IV .....                | Intravenous                                  |
| LBBB .....              | Left bundle branch block                     |
| LIA.....                | Lead Integrity Alert                         |
| LMNA.....               | Lamin A/C                                    |
| LMWH.....               | Low-molecular-weight heparin                 |
| LQTS .....              | Long QT syndrome                             |
| LV .....                | Left Ventricle                               |
| LVAD.....               | Left ventricular assisted device             |

## *List of Abbreviations Cont...*

| Abb.             | Full term                                              |
|------------------|--------------------------------------------------------|
| LVEF .....       | left ventricular ejection fraction                     |
| LVSD .....       | Left ventricular systolic dysfunction                  |
| MI .....         | Myocardial infarction                                  |
| MPP .....        | Multi point pacing                                     |
| MRI.....         | Magnetic resonance imaging                             |
| NICE.....        | National Institute of Clinical Excellence              |
| NICM.....        | Non-ischemic cardiomyopathy                            |
| NID .....        | Number of intervals to detect                          |
| NSVT .....       | Non-sustained ventricular tachycardia                  |
| NT-pro BNP ..... | N-terminal pro-brain natriuretic peptide               |
| NYHA .....       | New York Heart Association                             |
| PCI.....         | Percutaneous coronary intervention                     |
| PET.....         | Positron emission tomographic                          |
| PNS.....         | Phrenic nerve stimulation                              |
| PVC.....         | Premature ventricular complexes                        |
| PVS .....        | Programmed ventricular stimulation                     |
| QALY.....        | Quality adjusted life years                            |
| QOL .....        | Quality of life                                        |
| RA.....          | Right Atrium                                           |
| RAA.....         | Right atrial appendage                                 |
| RCT.....         | Randomized control trial                               |
| RRR .....        | Relative risk reduction                                |
| RV .....         | Right Ventricle                                        |
| RVEF .....       | Right ventricular ejection fraction                    |
| RVOT.....        | Right ventricular outflow tract                        |
| SCA.....         | Sudden Cardiac arrest                                  |
| SCD.....         | Sudden Cardiac Death                                   |
| S-ICD.....       | Subcutaneous Implantable Cardioverter<br>Defibrillator |

## *List of Abbreviations Cont...*

| Abb.           | Full term                                                                   |
|----------------|-----------------------------------------------------------------------------|
| SQTS .....     | Short QT syndrome                                                           |
| STEMI .....    | ST-segment elevation myocardial infarction                                  |
| SVC.....       | Superior Vena Cava                                                          |
| SVT .....      | Supraventricular Tachycardia                                                |
| T.....         | Tesla                                                                       |
| TdP .....      | Torsade de pointes                                                          |
| TIA.....       | Transient ischemia attack                                                   |
| TIMI.....      | Thrombolysis In Myocardial Infarction                                       |
| TM .....       | Trademark                                                                   |
| UFH.....       | Unfractionated Heparin                                                      |
| VA.....        | Ventricular arrhythmia                                                      |
| VF .....       | Ventricular Fibrillation                                                    |
| VHR .....      | Very high risk                                                              |
| VT .....       | Ventricular Tachycardia                                                     |
| WCD .....      | Wearable cardioverter defibrillator                                         |
| WiSE-CRT ..... | Wireless Stimulation Endocardially for<br>cardiac resynchronization therapy |
| WPW.....       | Wolf Parkinson White                                                        |

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