

Long-Term Follow-up of Patients with Implantable Cardioverter-Defibrillators and Impact on Survival

Thesis Submitted by

Mahmoud Kenawy, MBBCh.

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Supervisors

Prof. Dr. Ahmed El-Sherif

Asst. Prof. of Critical Care Medicine,
Critical Care Medicine Department
Cairo University

Dr. Tarek El-Gohary

Lecturer of Critical Care Medicine,
Critical Care Department,
Cairo University

Dr. Adel Hussein

Lecturer of Critical Care Medicine,
Critical Care Department,
Cairo University

Cairo University

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List of Abbreviations

AAD(s)	: Antiarrhythmic drug(s)
AADR _x	: Antiarrhythmic drug therapy
ACC/AHA	: American College of Cardiology/American Heart Association
AF	: Atrial fibrillation
ARVD	: Arrhythmogenic right ventricular dysplasia
AMI	: Acute myocardial infarction
ATP	: Antitachycardia pacing
AV	: Atrioventricular
AVID	: Antiarrhythmics Versus Implantable Defibrillator trial
AVR	: Aortic valve replacement
BBB	: Bundle branch block
BEOL	: Battery end of life
BOL	: Beginning of life
bpm	: beat per minute
CABG	: Coronary artery bypass graft
CABG patch	: Coronary Artery Bypass Graft Trial
CAD	: Coronary artery disease
CASH	: Cardiac Arrest Study, Hamburg trial
cc	: cubic centimeter
CHF	: Congestive heart failure

List of Abbreviations

CIDS	: Canadian Implantable Defibrillator Study trial
CMS	: US centers for Medicare and Medicaid Services
COMPANION	: Comparison of Medical Therapy, Pacing, and Defibrillation in Heart Failure
COP	: Cardiac output
CPR	: Cardiopulmonary resuscitation
CRT	: Cardiac resynchronization therapy
CRT-D	: Cardiac resynchronization therapy with defibrillator
CRT-P	: Cardiac resynchronization therapy with permanent pacemaker
CV	: Cardioversion
CVS	: Cerebrovascular stroke
DAVID	: Dual chamber and VVI Implantable Defibrillator
DCM	: Dilated cardiomyopathy
DEFINITE	: Defibrillators in NonIschemic Cardiomyopathy Treatment Evaluation
DFT(s)	: Defibrillation threshold(s)
DINAMIT	: Defibrillator in Acute Myocardial Infarction Trial
DVT	: Deep venous thrombosis
EAS	: Electronic article surveillance
ECG	: Electrocardiography
EF	: Ejection fraction
EGM(s)	: Electrogram(s)
EMI	: Electromagnetic interference

List of Abbreviations

EOL	: End of life
EP	: Electrophysiology
ERI	: Elective replacement indicator
FDA	: Food and Drug Association
HD	: Heart disease
HF	: Heart failure
HOCM	: Hypertrophic obstructive cardiomyopathy
HR	: Heart rate
HRV	: Heart rate variability
ICD(s)	: Implantable cardioverter-defibrillator(s)
ICM	: Ischemic cardiomyopathy
IHD	: Ischemic heart disease
J	: Joule
Kg	: Kilogram
LECV(s)	: Low-energy cardioversion(s)
Li/SVO	: Lithium silver vanadium oxide
LV	: Left ventricle
LVEDV	: Left ventricular end-diastolic volume
LVEF	: Left ventricular ejection fraction
LVESV	: Left ventricular end-systolic volume
M	: Meter
MADIT	: Multicenter Automatic Defibrillator Implant Trial
MADIT II	: nd Multicenter Automatic Defibrillator Implant Trial



List of Abbreviations

MADIT CRT	:	Multicenter Automatic Defibrillator Implant Trial with Cardiac Resynchronization Therapy
min	:	Minute
min ⁻¹	:	per minute
MI(s)	:	Myocardial infarction(s)
MIRACLE ICD	:	Multicenter InSync ICD Randomized Clinical Evaluation
MIRACLE ICD II	:	2 nd Multicenter InSync ICD Randomized Clinical Evaluation
mL	:	Milliliter
mm	:	Millimeter
MRI	:	Magnetic resonance imaging
ms	:	Millisecond
MUSTT	:	Multicenter UnSustained Tachycardia Trial
mV	:	Millivolt
MVT(s)	:	Monomorphic ventricular tachycardia(s)
NASPE	:	North American Society of Pacing and Electrophysiology
NISCM	:	Non-ischemic cardiomyopathy
NIPS	:	Noninvasive programmed stimulation
NSR	:	Normal sinus rhythm
NYHA	:	New York Heart Association
OMT	:	Optimal medical therapy
PACMAN	:	Pacing for Cardiomyopathy

List of Abbreviations

PCI	: Percutaneous coronary intervention
PG(s)	: Pulse generator(s)
Pt(s)	: Patient(s)
PVCs	: Premature ventricular contractions
PVT	: Polymorphic ventricular tachycardia
QoL	: Quality of life
RA	: Right atrium
RBBB	: Right bundle branch block
REVERSE	: Resynchronization Reverses Remodeling in Systolic Left Ventricular Dysfunction
RF	: Radiofrequency
RHD	: Rheumatic heart disease
RRR	: Relative risk reduction
RV	: Right ventricle
RVOT	: Right ventricular outflow tract
SAECG	: Signal-averaged electrocardiogram
SCD(s)	: Sudden cardiac death(s)
SCD-HeFT	: Sudden Cardiac Death in Heart Failure Trial
SCV	: Subclavian vein
sec.	: second
SHD	: Structural heart disease
SC	: Subcutaneous
ST	: Sinus tachycardia

List of Abbreviations

SVC	: Superior vena cava
SVT(s)	: Supraventricular tachycardia(s)
T.B.	: Tuberculosis
TCL	: Tachycardia cycle length
ULV	: Upper limit of vulnerability
V	: Volt
VecToR	: Ventricular Resynchronization Therapy Randomized Trial
VF	: Ventricular fibrillation
V. flutter	: Ventricular flutter
VO ₂	: Oxygen consumption
vs.	: versus
VSD	: Ventricular septal defect
VT(s)	: Ventricular tachycardia(s)
VTa(s)	: Ventricular tachyarrhythmia(s)
V-V	: Ventricle to ventricle
WPW	: Wolf Parkinson White syndrome
Yr (s)	: Year (s)

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