



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكروفيلم

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

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Impact of Different Right Ventricular Lead Positions on QRS Complex Duration Post Cardiac Resynchronization Therapy Device Implantation and its effect on clinical response

Thesis

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Cardiology*

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ

سَبَّحَانَكَ لَا إِلَهَ إِلَّا مَا عَلَّمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Abbreviations

Abb.	Full term
2D	2-dimensional
3D	3-dimensional
6MWT.....	6-min walk test
ACC/AHA	American College of Cardiology/American Heart Association
ACE-I.....	Angiotensin-converting enzyme inhibitor
AF	Atrial fibrillation
APD	Action potential duration
ARB	Angiotensin receptor blocker
ARNI.....	Angiotensin receptor-neprilysin inhibitor
AV	Atrioventricular
b.p.m.	Beats per minute
BB	Beta-blocker
BiV	Biventricular
BNP	Brain natriuretic peptide
BTC.....	Bridge to candidacy
BTT.....	Bridge to transplantation
CABG.....	Coronary artery bypass graft
CKD	Chronic kidney disease
CMR.....	Cardiovascular magnetic resonance
COPD.....	Chronic obstructive pulmonary disease
CRT.....	Cardiac resynchronization therapy
CRT-D.....	Cardiac resynchronization therapy with defibrillator
CRT-P	Cardiac resynchronization therapy with pacemaker
DAVID.....	Dual Chamber and Implantable Defibrillator
DT	Destination therapy
ECG	Electrocardiography
EF	Ejection fraction

List of Abbreviations Cont...

Abb.	Full term
Endo.....	Endocardial
ESC.....	European Society of Cardiology
GDMT.....	Guideline-directed management and therapy
HBP	His bundle pacing
HF	Heart failure
HFA/ESC.....	Heart Failure Association of The European Society of Cardiology
HFmrEF	Heart failure with mildly reduced ejection fraction
HFpEF	Heart failure with preserved ejection fraction
HFrEF	Heart failure with reduced ejection fraction
HOPE-HF	His Optimized Pacing Evaluated for Heart Failure
ICD	Implantable cardioverter defibrillator
ICM.....	Ischemic cardiomyopathy
IPD	Individual participant data
ISDN.....	Isosorbide dinitrate
IVCD.....	Intraventricular conduction delay
JHFS.....	Japanese Heart Failure Society
KEGG	Kyoto Encyclopedia of Genes and Genomes
LBBB	Left bundle branch block
LV	Left ventricular
LVEF	LV ejection fraction
LVESV.....	Left ventricular end-systolic volume
LVRr	Left ventricular reverse remodelling
MADIT II.....	Multicenter Automated Defibrillator Implantation Trial
MAP	Mitogen-activated protein
MCS	Mechanical circulatory support
MI	Myocardial infarction
MOST	Mode Selection Trial
MRA.....	Mineralocorticoid receptor antagonist

List of Abbreviations Cont...

Abb.	Full term
MRI.....	Magnetic resonance imaging
MSP	Multisite pacing
MV	Mitral valve
NLBBB	Non LBBB morphology
NPs	Natriuretic peptides
NR.....	Non-response
NT-proBNP	N-terminal prohormone of brain natriuretic peptide
NYHA	New York Heart Association
PACE	Pacing to Avoid Cardiac Enlargement
PISA	Proximal Isovelocity Surface Area
PVI.....	Pulmonary vein isolation
QOL	Quality of life
RBBB.....	Right bundle branch block
RV	Right ventricular
RVA	Right ventricular apex
RVHS.....	Right ventricular high septum
RVNA.....	Right ventricular non-apical
RVOT.....	Right ventricular outflow tract
SAVR	Surgical aortic valve replacement
SERCA.....	Sarcoplasmic reticulum Ca ²⁺ -ATPase
SGLT2i	Sodium-glucose co-transporter 2 inhibitor
SR	Sinus rhythm
TAVI	Transcatheter aortic valve replacement
TEE.....	Transcatheter edge to edge
TTE.....	Transthoracic echocardiogram
VVI.....	Ventricular demand inhibited
WiCS.....	Wireless cardiac stimulation

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