

Radiofrequency Catheter Modification of The Compact Atrioventricular Node In Patients With Rapid Atrial Fibrillation

Thesis

*Submitted In Partial Fulfillment of
Master Degree In Cardiology*

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1995



«قالوا سبحانك لا علم لنا
إلا ما علمتنا انك انت
العليم الحكيم»

صدق الله العظيم

سورة البقرة - آية ٣٢





To
My Family





Acknowledgment

I wish to express my deep appreciation and gratitude to Prof. Dr. Mohamed Mamdouh El-Ashry, Professor of Cardiology, Faculty of Medicine, Ain Shams University, for his great help, encouragement and support through the different steps of this work.

I am sincerely grateful to Dr. Iman Ahmed Moshref, Lecturer of Cardiology, Faculty of Medicine, Ain Shams University, for her cooperation, generous help and constructive criticism.

Also, I'd like to express my cordial thanks to Dr. Mervat Abou El-Maaty, Lecturer of Cardiology, Faculty of Medicine, Ain Shams University, for giving me a lot of her precious time and effort during the completion of this thesis.

Finally, I wish to express my deep thanks to all my Colleagues in the Cardiology department in Ain Shams University for their great assistance and continuous cooperation from the very beginning till the end of this work.



List of Abbreviations

A	Ampere
AF	Atrial fibrillation
AFASAK	Placebo-controlled randomized trial of warfarin and aspirin for prevention of thrombotic complications in chronic atrial fibrillation by <i>Peterson et al. (1989)</i>
ASU	Ain Shams University
atm	Atmospheric pressure
AV	Atrioventricular
AVNRT	Atrioventricular nodal reentrant tachycardia
AVRT	Atrioventricular reentrant tachycardia
β -blockers	Beta blockers
BAATAF	Boston area anticoagulation trial in atrial fibrillation
bpm	Beat / minute
CAR	Cardiac arrhythmia registry
CAST	Cardiac arrhythmia suppression trial
CCB	Calcium channel blocker
CCU	Coronary care unit
Ch.AF	Chronic atrial fibrillation
CHD	Congenital heart disease
COPD	Chronic obstructive pulmonary disease
CPK	Creatine phosphokinase
DC	Direct current
DCM	Dilated cardiomyopathy
ECG	Electrocardiography
HR	Heart rate
HTN	Hypertension
ICU	Intensive care unit
INR	International normalized ratio

J	Joel
Khz	Kilo hertz
Kv	Kilo volt
LVEDD	Left ventricular end diastolic diameter
LVEF	Left ventricular ejection fraction
LVESD	Left ventricular end systolic diameter
Max	Maximum
MHC	Myosin heavy chain
MHz	Mega hertz
Min	Minimum
MR	Mitral regurge
MS	Mitral stenosis
μsec	Micro second
msec	Milli second
MVD	Mitral valve disease
MW	Microwave
Nd: YAG	Neodymium: yttrium-aluminum-garnet
P	Incidence of probability
PAF	Paroxysmal atrial fibrillation
PCMAR	Percutaneous cardiac mapping & ablation registry
r	Correlation coefficient
RF	Radiofrequency
RHD	Rheumatic heart disease
SD	Standard deviation
sec	Second
SPAF	Stroke prevention in atrial fibrillation
USA	United States of America
VR	Ventricular rate
W	Watt
W.P.W	Wolff Parkinson White

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Introduction & Aim of The Work