

Acknowledgement

Thank to Allah

for

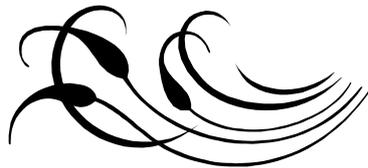
accomplishment of this work

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LIST OF ABBREVIATION

2D	: Two dimensional
2D-SI	: Two dimensional speckle tracking strain imaging
3D	: Three-dimensional
AF	: Atrial fibrillation
Ao	: Aorta
AP	: Anterior posterior
A-V	: Atrioventricular
CaChBl	: Calcium channel blocker
CAD	: Coronary artery disease
CDMI	: Conventional and color Doppler myocardial imaging
CMP	: Cardiomyopathy
CMR	: Cardiac magnetic resonance
CRT	: Cardiac resynchronization therapy
CT	: Computerized tomography
CV	: Cardiovascular
DNA	: Deoxyribonucleic acid
ECG	: Electrocardiogram
EF	: Ejection fraction
HCM	: Hypertrophic cardiomyopathy
HF	: Heart failure
HOCM	: Hypertrophic obstructive cardiomyopathy
HR	: Heart rate
ICD	: Implantable cardioverter-defibrillator
IHSS	: Idiopathic hypertrophic subaortic stenosis

IVST	: Interventricular septum thickness
LA	: Left atrium
LAMP2	: Lysosome-associated membrane protein 2
LGE	: Late gadolinium enhancement
LV	: Left ventricle, left ventricular
LVDD	: Left ventricular diameter during diastole
LVDs	: Left ventricular diameter during systole
LVEF	: Left ventricular ejection fraction
LVH	: Left ventricular hypertrophy
LVM	: Left ventricular mass
LVOT	: Left ventricular outflow tract
LVOTO	: Left ventricular outflow tract obstruction
MRI	: Magnetic resonance imaging
NSVT	: Non-sustained ventricular tachycardia
NYHA	: New York Heart Association
pre-A	: Preceding atrial contraction
PRKAG2γ_2	: Regulatory subunit of adenosine monophosphate-activated protein kinase
PW	: Pulsed wave
PWT	: Posterior wall thickness
RA	: Right atrium
RV	: Right ventricle
S	: Strain
SAM	: Systolic anterior motion
SCD	: Sudden cardiac death
SR	: Strain rate

STE : Speckle-tracking echocardiography

TDI : Tissue Doppler imaging

TVI : Time velocity integral

Vmax : Maximal volume

Vmin : Minimal volume