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List of Abbreviations

±S.D	± standard deviation
°C	Degree Celsius
ABG	Arterial blood gases
ACCF	American College of Cardiology foundation
ACT	Activated clotting time
AF	Atrial fibrillation
AHA	American Heart Association
ALRP	Anterior mitral leaflet retention plasty
AML	Anterior mitral leaflet
AR	Aortic regurge
ASA	Alcohol septal ablation
AV	Atrioventricular
AVB	Atrioventricular block
bpm	Beat per minute
CAD	Coronary artery disease
CCDs	Cardiac conduction disturbances
CHB	Complete heart block
cm	Centimeter / Centimeters
CMR	Cardiovascular magnetic resonance
CPB	Cardiopulmonary bypass
DC	Direct current
DM	Diabetes mellitus
ECG	Electrocardiogram
EPS	Electrophysiological study
FC	Functional class
HCM	Hypertrophic cardiomyopathy
HOCM	Hypertrophic obstructive cardiomyopathy
hrs	Hours
ICD	Implantable cardioverter defibrillator
ICU	Intensive care unit

List of Abbreviations

IHSS	Idiopathic hypertrophic subaortic stenosis
INR	International normalizing ratio
IV	Intravenous
IVS	Interventricular septum
LA	Left atrium
Labs	Laboratory investigations
LAD	Left anterior descending artery
LBBB	Left bundle branch block
LFT	Left fibrous trigone
LGE	Late gadolinium enhancement
LV	Left ventricle
LVOT	Left ventricular outflow tract
LVOTO	Left ventricular outflow tract obstruction
min	Minute / Minutes
MLE	Mitral leaflet extension
mm	Millimeter / Millimeters
mm Hg	Millimeter mercury
MR	Mitral regurgitation
MV	Mitral valve
MVD	Mitral valve disease
NA	Not available
No.	Number
NSVT	Non-sustained ventricular tachycardia
NYHA	New York Heart Association
PG	Peak gradient
PMs	Papillary muscles
PPM	Permanent pacemaker implantation
Pre-PG	Pre-operative peak gradient
PVP-I	Poly vinyl pyrldine - iodine
RBBB	Right bundle branch block
RCTs	Randomized control trials
RPR	Resection-Plication-Rrelease

List of Abbreviations

SAM	Systolic anterior motion
SCD	Sudden cardiac death
SND	Sinus node dysfunction
SWT	Septal wall thickness
TEE	Transesophageal echocardiography
TTE	Transthoracic echocardiography
VF	Ventricular fibrillation.
VSD	Ventricular septal defect
VT	Ventricular tachycardia



Introduction





Aim of the Work





Chapter One

DEFINITIONS & NOMENCLATURE





Chapter Two

ANATOMY OF LVOT & CARDIAC CONDUCTION SYSTEM





Chapter Three

HISTOPATHOLOGY & PATHOPHYSIOLOGY





Chapter Four

DIAGNOSIS OF HCM





Chapter Five

MANGEMENT OF OBSTRUCTIVE HCM





Summary and Conclusion





References





Arabic Summary



Management of Hypertrophic Obstructive Cardiomyopathy

Essay

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