

Contents

Subjects	Page
List of Tables	ii
List of Figures	v
List of abbreviations	x
• Introduction	1
• Aim of the Work	3
• Review of Literature	
♦ Chapter (1): Heart Failure	4
♦ Chapter (2): Echocardiographic Assessment of the Right Ventricle	28
♦ Chapter (3): Functional Capacity in Heart Failure	61
• Patients and Methods	77
• Results	105
• Discussion	146
• Limitations	155
• Conclusion	156
• Recommendations	157
• Summary	159
• References	161
• Appendices	198
• Arabic Summary	

List of Tables

Tab. No.	Title	Page
Table (1):	Framingham criteria.....	13
Table (2):	Normal values of RA pressure on basis of IVC diameter and collapse.	59
Table (3):	Minnesota living with heart failure Questionnaire (MLHFQ).	66
Table (4):	Original & Modified Borg scale.	74
Table (5):	Distribution of the studied cases as regards demographic data.....	105
Table (6):	Distribution of the risk factors among the studied cases.	106
Table (7):	Distribution of NYHA class among the studied cases.	107
Table (8):	Distribution of MLHFQ data among the studied cases.	107
Table (9):	Distribution of RVDilatation data among the studied cases.	109
Table (10):	Descriptive statistics for the echocardiographic findings of the studied subjects.....	110
Table (11):	Descriptive statistics for the echocardiographic findings of the studied subjects as regards valvular regurgitation.	111
Table (12):	Relationship between NYHA class & MLHFQ	112
Table (13):	Relationship between 6MWD & NYHA class.	113
Table (14):	Relationship between 6MWD & MLHFQ score.	114

List of tables (Cont...)

Tab. No.	Title	Page
Table (15):	Relationship between NYHA class & demographic data, risk factors.	115
Table (16):	Relationship between NYHA class with echocardiographic parameters:	117
Table (17):	Relationship between NYHA class with echocardiographic parameters as regards RVdilatation &valvular regurgitation.....	120
Table (18):	Relationship between 6MWT& demographic data, risk factors	121
Table (19):	A significant correlation between 6 MWT& & Age:.....	122
Table (20):	Correlation between 6MWT& with echocardiographic parameters.	124
Table (21):	Relationship between 6MWT& with echocardiographic parameters as regards RV dilatation &valvular regurgitation.	125
Table (22):	Linear regression analysis for 6MWD.....	127
Table (23):	Correlation between MLHFQ and Age.	128
Table (24):	Relationship between MLHFQ, demographic data & risk factors.....	128
Table (25):	Correlation between MLHFQ & echo-cardiographic parameters:.....	129
Table (26):	Relationship between MLHFQ, RV dilatation&valvular regurgitation	132
Table (27):	Classification of patients according to 6MWD.	133
Table (28):	Comparison between both groups as regards NYHA class.	135

List of tables (Cont...)

Tab. No.	Title	Page
Table (29):	Comparison between both groups as regards MLHFQ score	136
Table (30):	Comparison between both groups as regards demographic data & risk factor	137
Table (31):	Comparison between both groups according to echocardiographic parameters	139
Table (32):	Comparison between both groups according to RV dilatation & valvular regurgitation.....	145

List of Figures

Fig. No.	Title	Page
Figure (1):	Pathophysiology of HF.....	7
Figure (2):	Graphic representation of the echocardiographic views used for evaluating the right ventricle.	29
Figure (3):	RV free wall thickness measurement.....	31
Figure (4):	Apical 4 chamber view showing RV dimensions ..	33
Figure (5):	Measurement of right ventricular outflow tract (RVOT) dimensions.....	35
Figure (6):	Parasternal short-axis views at the mid-ventricular level illustrating measurements of left ventricular diameters for calculation of the eccentricity index (EccIx).....	36
Figure (7):	Measurement of RVFAC.	38
Figure (8):	Representative M-mode recordings through the lateral tricuspid valve annulus for the purpose of measuring the tricuspid annular plane systolic excursion.....	40
Figure (9):	Normal Doppler tissue imaging (DTI) waveform obtained at lateral mitral annulus in healthy patient during end-expiratory apnea.	43
Figure (10):	Pulsed-wave Doppler at the tricuspid level of the right ventricular free wall in a normal individual	46

List of Figures (Cont...)

Fig. No.	Title	Page
	Figure (11): Doppler tissue velocities and time intervals obtained at lateral tricuspid valve annulus.....	48
	Figure (12): Calculation of right ventricular myocardial performance index (RVMPI) pulsed tissue Doppler	55
	Figure (13): Inferior vena cava (IVC) view. Measurement of the IVC.	59
	Figure (14): NYHA classes of HF.....	63
	Figure (15): Cardiopulmonary test.	68
	Figure (16): MLHFQ obtained from Pt. no. 16.....	81
	Figure (17): Illustration of 6MWT performance.....	82
	Figure (18): Cardiac Rehabilitation Clinic at Ain Shams University Hospital.....	83
	Figure (19): Patient number (17)while doing 6MWT.	85
	Figure (20): M-mode showing Lt atrial dimension. Pt. no. 31.	89
	Figure (21): M-mode showing Ef & LV dimensions in Parasternal long axis veiw. Pt. no. 56	90
	Figure (22): (A, B) Showing EF &LV volumes by Simpson biplane method Pt. no. 12	90
	Figure (23): MAPSE Pt. no. 9.	91
	Figure (24): Trans mitral PW Doppler in the apical four chamber view showing mitral inflow patterns (E/A ratio 1. 98) (Pt. no. 4).	93
	Figure (25): RVWT (subcostal view) Pt. no49.	94
	Figure (26): RVbasal dimension (Apical 4 champer view). Pt. no. 7.....	95

List of Figures (Cont...)

Fig. No.	Title	Page
Figure (27): (A & B) measurement of RVFAC. Pt. no. 62		96
Figure (28): Measurement of TAPSE. Pt. no. 4.		97
Figure (29): TDI showing E', S, A waves. Pt. no. 43		99
Figure (30): Tei index obtained by tissue doppler .Pt.no.(15).		100
Figure (31): Measurement of SPAP from tricuspid regurgitation. Pt no. 28.		101
Figure (32): Measurement of IVC diameter. Pt. no. 9.		102
Figure (33): Measurement of MPAP&DPAP from pulmonary regurgitation by tissue Doppler. Pt. no. 64.		103
Figure (34): Distribution of RV dilatation among studied cases.		109
Figure (35): Relationship between MLHFQ & NYHA class.		112
Figure (36): Relationship between NYHA class&6MWD.		113
Figure (37): Aplot chart showing a significant negative correlation between 6MWD and total score of MLHFQ		114
Figure (38): Relationship between NYHA class as regards Gender.		116
Figure (39): Relationship between NYHA class as regards smoking.		116
Figure (40): Relationship between NYHA class as regards SPAP.		119

List of Figures (Cont...)

Fig. No.	Title	Page
Figure (41):	Relationship between 6MWT in both Gender....	122
Figure (42):	A plot chart showing correlation between 6MWT D & age.....	123
Figure (43):	A plot chart showing the positive correlation between TAPSE & 6MWT D.....	126
Figure (44):	A plot chart showing the inverse correlation between SPAP & 6MWT D	126
Figure (45):	A plot chart showing a significant correlation between mitral E/A ratio & MLHFQ.	130
Figure (46):	A plot chart showing a significant correlation between Tricuspid E/e' ratio & MLHFQ.	130
Figure (47):	A plot chart showing a significant correlation between SPAP & MLHFQ.....	131
Figure (48):	Pie chart showing comparison between patients who walked less than and more than 300m.	134
Figure (49):	Relationship between NYHA class & distance covered during 6MWT.	135
Figure (50):	Relationship between MLHFQ & distance walked in 6min.	136
Figure (51):	Relationship between both groups as regards gender.	138
Figure (52):	A significant statistical difference between both groups as regards RVFAC.....	142

List of Figures (Cont...)

Fig. No.	Title	Page
Figure (53):	A significant statistical difference between both groups as regards Tricuspid E/e'	142
Figure (54):	A significant statistical difference between both groups as regards TAPSE.....	143
Figure (55):	A significant statistical difference between both groups as regards SPAP	143
Figure (56):	A significant statistical difference between both groups as regards RV dilatation	144

List of abbreviations

12 MWT	Twelve minute walk test
2D	2 Dimensional
2MWT	Two minute walk test
3D	3 Dimensional
6MWD	6 minute walk distance
6MWT	6 minute walk test
6MWT-D	6 minute walk test distance
A	Late diastolic velocity wave
A'	Late annular motion velocity
ACC	American College of cardiology
ACE	Angiotensin converting enzyme
ACEI	Angiotensin converting enzyme inhibitor
ADH	anti diuretic hormone
AHA	American Heart Association
AM	Atrial contraction wave
ANP	Atrial Natriuretic Peptide
ARBs	Angiotensin Receptor blockers
ARNIS	Angiotensin receptor-nepralysin inhibitor
AT	Acceleration time
ATS	American thoracic society
BMI	Body Mass Index
BNP	Brain Natriuretic Peptide
BSA	Body surface area
BUN	Blood urea nitrogen
CAD	Coronary artery disease
CBC	Complete blood count
CHF	Congestive heart failure
CMR	Cardiac magnetic resonance imaging
COPD	Chronic obstructive pulmonary disease
CPET	Cardiopulmonary exercise test
CR	Continuous release
CRT	Cardiac Resynchronization Therapy
CWD	Continuous Wave Doppler

List of abbreviations (Cont...)

DM	Diabetes mellitus
dP/dt	rate of pressure rise in ventricle
DPAP	Diastolic Pulmonary artery pressure
DT	Deceleration time
E	Early diastolic velocity wave
E/A	Ratio between early diastolic wave amplitude of annulus movement and late diastolic wave amplitude of annulus movement
E/E'	Mitral inflow E velocity to tissue Doppler E'
E'	Early annular motion velocity
EccIx	Eccentricity index
ECG	Electrocardiogram
EF	Ejection fraction
ESC	European Society of Cardiology
FDA	Food drug administration
FH	Family history
HCM	Hypertrophic cardiomyopathy
HF	Heart Failure
HFPEF	Heart failure with preserved ejection fraction
HFREF	Heart failure with reduced ejection fraction
H-ISDN	Hydralazine and isosorbidedinitrate
HR	Heart rate
HTN	Hypertension
ICD	Implantable Cardioverter-Defibrillator
ICT	Isovolumic contraction time
IHD	Ischaemic heart disease
IVA	Isovolumic acceleration
IVC	Inferior vena cava
IVID	Left ventricular internal dimensions
IVRT	Isovolumetric relaxation time
IVS	Inter ventricular septum

List of abbreviations (Cont...)

LA	Left atrium
LAD	left atrial dimension
LAV	left atrial volume
LAVI	Left atrial volume index
LBBB	Left bundle branch block
LDL	Low-density lipoprotein
LFT	Liver function test
LV	Left ventricle
LVEDD	Left ventricular end diastolic diameter
LVEDP	Left ventricular end diastolic pressure
LVEDV	Left ventricular end diastolic volume
LVEDVI	Left ventricular end diastolic volume index
LVEF	Left ventricular ejection fraction
LVEDS	Left ventricular end systolic diameter
LVESV	Left ventricular end systolic volume
LVESVI	Left ventricular end systolic volume index
MAPSE	Mitral Annular Plane Systolic Excursion
MET	Metabolic equivalent
Min	Minute
MLHFQ	Minnesota Living with Heart Failure Questionnaire
MM	millimeter
MPAP	Mean Pulmonary artery pressure
MR	Mitral regurgitation
MRA	Mineralocorticoid receptor antagonists
NT Pro	BNP N terminal pro Brain natriuretic peptide
NYHA	New York Heart Association
O2 sat	Oxygen saturation
OGTT	oral glucose tolerance test
PA	Pulmonary artery
Pg/ml	Pico gram per milliliter
PH	pulmonary hypertension
PSAX	parasternal short axis
PLAX	Parasternal long axis
PR	Pulmonary regurgitation

List of abbreviations (Cont...)

PRE	Rating of Preceived Exertion
Pt	Patient
PV	pulmonary valve
PW	posterior wall
QOL	Quality of life
RA	Right atrium
RAAS	Renin Angiotensin Aldosterone system
RAP	right atrial pressure
RCT	Randomized clinical trial
RNA	Radionucleatide Angiography
RV	Right ventricle
RVAD	Right ventricular at end- diastole
RVAS	Right ventricular at end -systole
RVEF	Right ventricular ejection fraction
RVET	Right ventricular ejection time
RVFAC	Right ventricular fraction area of change
RVIVA	Right ventricular isovolumic acceleration
RVMPI	Right ventricular myocardial performance index
RVOT	Right ventricular out flow tract
RVSP	Right ventricular systolic pressure
S'	Systolic wave
SD	Standard deviation
Sec	second
SF-36	Short Form-36 Questionnaire
SI	Strain
SNS	sympathetic nervous system
SOLVD	Studies of Left Ventricular Dysfunction
SPAP	Systolic pulmonary artery pressure
SPECT	Single photon emission computed tomography
SPSS	Statistical package for social science
TAM	Tricuspid annular motion
TAPSE	Tricuspid annular plane systolic excursion
TDI	Tissue Doppler imaging
TG	Triglycerides

List of abbreviations (Cont...)

TG	Triglyceride
TR	Tricuspid regurgitation
TSH	Thyroid stimulating hormone.
TV	Tricuspid valve
UA	Urine analysis
VCO ₂	Rate of Elimination of Carbon Dioxide
VE	Ventilatory equivalent
VO ₂	Peak oxygen consumption
Vo ₂ max	Maximum Peak oxygen consumption
VT	Ventilatory threshold

**Right ventricular echocardiographic
predictors of functional capacity in
patients with heart failure with
reduced ejection fraction**

Thesis

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