#### Contents

Subjects		Page
-		
List of Abbreviation		
List of Figures		
List of Tables	VIII	
•Introduction	1	
•Aim of the Work	5	
• Review of Literature		
<b>♦</b> Chapter (1): COPD	6	
◆ Chapter (2): Pulmonary I	Hypertension	24
◆ Chapter (3): Vascular bed	d in COPD	43
• Patients and Methods	50	
• Results	74	
• Discussion	123	
• Summary	142	
• Conclusion	147	
• Recommendation	149	
• References	151	
Arabic Summary		

#### List of abbreviation

3D : Three dimensional A : Peak atrial velocity ABG : Arterial blood gases

Ao : Aorta

CBC : Complete blood count

cMRI : Cardiac magnetic resonance imaging

CO : Cardiac output

COPD : Chronic obstructive pulmonary disease.

COPDPH : Chronic obstructive pulmonary disease associ-

ated with pulmonary hypertension

CPFE : Combined pulmonary fibrosis and emphyse-

ma

CT : Computed tomography

CTEPH : Chronic thromboembolic pulmonary hyper-

tension

CTPA : Computed tomography with pulmonary an-

giography

CXR : Chest X ray

DLCO : Diffusing capacity of the lung for carbon

monoxide

DVT : Deep venous thrombosis E : Peak early filling velocity

ECG : Electrocardiograph
ECHO : Echocardiography
EDV : End diastolic volume
EF : Ejection fraction

ESR : Erythrocyte sedimentation rate

FEV1 : Forced expiratory volume in 1 second

FVC : Forced vital capacity

GERD : Gastro-entistinal reflux disease

GOLD : Global Initiative for Chronic Obstructive

Lung Disease

HRCT : High-resolution computed tomography

ICU : Intensive care unit

ILD : Interstitial lung disease

IPAH : Idiopathic pulmonary arterial hypertension

IPF : Idiopathic pulmonary fibrosis

IR : Inversion recovery

IV : Intravenous

IVS : Inter-ventricular septum KFT : Kidney function test

LA : Left atrium

LFT : Liver function test

LTOT : Long-term oxygen therapy

LV : Left ventricle

LVEF : Left ventricular ejection fraction mPAP : Mean pulmonary artery pressure

MR : Magnetic resonance

MRI : Magnetic resonance imaging NAD : No abnormality detected

NHANES3: The third National Health And Nutrition Ex-

amination Survey

NO. : Number % : Percentage

PA : Pulmonary artery

PAC : Pulmonary artery catheter

PAH : Pulmonary arterial hypertension

PAP : Pulmonary artery pressure

PASP : Pulmonary artery systolic pressure

PCW : Pulmonary capillary wedge

PCWP : Pulmonary capillary wedge pressure

PH : Pulmonary hypertension

PH-LHD : Pulmonary hypertension owing to left heart

disease

PH-Lung : Pulmonary hypertension owing to lung dis-

ease or hypoxia

PVR : Pulmonary vascular resistance

RA Diam : Right atrial diameter

RA : Right atrium

RAP : Right atrial pressure

RBBB : Right bundle branch blockRCTs : Randomized controlled trialsRHC : Right-sided heart catheterization

RIJ : Right internal jugular

RV : Right ventricle

RVEDV : Right ventricular end diastolic volume
RVEF : Right ventricular ejection fraction
RVESV : Right ventricular end systolic volume
RVSP : Right ventricular systolic pressure
RVSV : Right ventricular stroke volume

SD : Standard deviation SMC : Smooth muscle cell

SPSS : Statistical package for social science

SSFP : Steady -state free precession SVT : Supra-ventricular tachycardia

TDI : Tissue Doppler imaging

TE : Echo time

TNF : Tumor necrosis factor

TR : Repetition time

TRV : Tricuspid regurgitation velocity

US : United states of America V/Q scan : Ventilation / perfusion scan

VmaxMaximum velocityVPSViews per segmentVTVentricular tachycardia

WHO : World health organization

#### List of Figures

<u>No.</u>	<u>Figure</u>	<b>Page</b>
1	Mediators and cells Involved in the COPD Pathogenesis.	13
<u>2</u>	Classification of adult pulmonary.	26
<u>3</u>	Diagnostic algorithm for suspected pulmonary hypertension patients.	31
<u>4</u>	Pulmonary Hypertension assessment by Echocardiography.	31
<u>5</u>	Overview of patient pathway at a specialist Overnight oximetry, exercise and blood testing.	33
<u>6</u>	Pulmonary hypertension assessment by computed tomography.	36
7	Mechanisms of pulmonary vascular changes in pulmonary hypertension associated with COPD.	46
8	The demographic classification of the studied cases as regard sex discrimination.	75
2	The demographic classification among the studied cases as regard associated co-morbidities.	75
<u>10</u>	The demographic classification of HRCT.	77
<u>11</u>	The demographic study shows the data collected by V/Q scan.	78

No.	<u>Figure</u>	<u>Page</u>
<u>12</u>	The complications that were associated to Right Heart Catheterization procedure.	82
<u>13</u>	Correlation between age among the 2 groups.	84
14	Correlation between age in both groups in relation to mPA.	85
<u>15</u>	Correlation between co-morbidities among the 2 groups.	86
<u>16</u>	Correlation between V/Q scan results and mPA among the 2 studied groups.	89
<u>17</u>	TRV ranges in group A and in group B.	92
<u>18</u>	Correlation between TRV and mPA.	93
<u>19</u>	Mean PAP in group A and group B.	93
20	Correlation between RVSP and mPA.	94
<u>21</u>	RA Diameter in group A and group B.	94
<u>22</u>	Correlation between RA Diameter and mPA.	95
<u>23</u>	Correlation between RV pressure and mPA measured by RHC.	97
<u>24</u>	CO in group A ranges and group B.	98
<u>25</u>	Correlation between CO and mPA pressure measured by RHC.	98
<u>26</u>	PVR in group A ranges and group B.	99

No.	<u>Figure</u>	<u>Page</u>
<u>27</u>	Correlation between PVR and mPA pressure measured by RHC.	99
<u>28</u>	RVEDV in group A ranges and group B.	101
<u>29</u>	Correlation between RVESV and mPA.	102
<u>30</u>	Correlation between RVEDV and mPA among the 2 groups.	102
<u>31</u>	Correlation between RVSV and mPA.	103
<u>32</u>	RA Diameter in group A and group B.	103
33	Correlation between RA Diameter and mPA.	104
<u>34</u>	CO ranges in group A and group B.	104
<u>35</u>	Correlation between CO and mPA.	105
<u>36</u>	LVEF ranges in group A and group B.	105
<u>37</u>	Correlation between complications with RHC.	107
<u>38</u>	Correlation between mPAP in Echo and RHC.	108
<u>39</u>	Correlation between mPAP measured by either Echo and RHC.	109
40	Correlation between EF measured by ECHO and cMRI.	112

Introduction	and Aim	of the	Work
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#### List of Tables

No.	<u>Table</u>	<u>Page</u>
1	The demographic data of studied cases.	74
<u>2</u>	The demographic data of studied cases as regard arterial blood gases.	76
<u>3</u>	The descriptive data of studied cases as regard High Resolution Chest CT scan (HRCT).	77
<u>4</u>	The descriptive data of studied cases as regard $V/Q$ scan.	78
<u>5</u>	The descriptive data of studied cases as regard Pulmonary Function Testing.	79
<u>6</u>	The descriptive data of studied cases as regard Echocardiography.	79
7	The descriptive data of studied cases as regard Right Heart Catheterization (RHC).	80
<u>8</u>	The descriptive data of studied cases as regard Cardiac MRI.	81
2	The descriptive data of studied cases as regard Complication associated to Right Heart Catheterization.	82
<u>10</u>	The classification of the complications associated to RHC.	83
<u>11</u>	Correlation between age among the 2 groups.	84

No.	<u>Table</u>	<b>Page</b>
<u>12</u>	Correlation between co-morbidities among the 2 groups.	86
<u>13</u>	Correlation between Arterial Blood Gases parameters in the 2 groups	87
14	Correlation between HRCT and mPA in the 2 groups.	88
<u>15</u>	Correlation between V/Q scan results and mPA among the 2 studied groups.	89
<u>16</u>	Correlation between Pulmonary Function Test parameters and mPA.	90
<u>17</u>	Correlation between ECHO parameters and mPA among the 2 groups.	91
<u>18</u>	Correlation between RHC parameters and mPA among the 2 studied groups.	96
<u>19</u>	Correlation between cMRI parameters and mPA among the 2 studied groups.	100
20	Correlation between complications with RHC among the 2 studied groups.	106
<u>21</u>	Correlation between mPAP in Echo and RHC.	108
22	Correlation between RA Diameter measured by Echo and cMRI.	110
<u>23</u>	Correlation between CO measured by RHC and cMRI.	111

No.	<u>Table</u>	<u>Page</u>
	Correlation between EF measured by ECHO and cMRI.	112



## Introduction



