



Evaluation of Ultrasonographic Findings in Patients of Interstitial Lung Diseases with or Without Treatment

Thesis

Submitted for Partial Fulfillment of Master

*Degree in **Chest Diseases***

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2017



وَقُلْ اَعْمَلُوا فَسَيَرَى اللَّهُ
عَمَلَكُمْ وَرَسُولُهُ وَالْمُؤْمِنُونَ

الْعَظِيمِ



Acknowledgment

- ✍ First and above all, my deepest gratitude and thanks to **Allah** for achieving that work in my life.
- ✍ Words stand short when coming to express my deep gratitude and great thanks to **Prof. Mohamed Sherif Elboughy** Professor of Chest Diseases, Faculty of Medicine- Ain-Shams University for his choice of this new topic, continuous encouragement, sincere advice, and cooperation in all steps of this work.
- ✍ I am deeply grateful to **Professor. Samar Hassan sharkawi** Assistant Professor of Chest Diseases, Faculty of Medicine- Ain-Shams University who devoted his effort and experience to facilitate the production of this work. for his valuable knowledge, great help, and guidance during this work and reviewing my work till the end. Words of thanks are little to express my gratitude to her for giving me the help to learn something new and useful.
- ✍ Finally, I'd like to express my deep thanks to my family who were beside me giving me support to complete this work.

✍ **Hermen Ahmed Saleh Abd El Ghani**

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List of Abbreviations

AAL	: Anterior Axillary Line
AECs	: Alveolar epithelial cells
AIP	: Acute interstitial pneumonia
AIS	: Alveolar interstitial syndrome
ALAT	: Latin American Thoracic Association
ATS	: American Thoracic Society
BAL	: Bronchoalveolar lavage
BMI	: body mass index
B-mode	: Brightness mode
CAP	: Community-acquired pneumonia
Cm	: Centimeter
COP	: Cryptogenic organizing pneumonia
COPD	: Chronic obstructive pulmonary disease
CT	: Computed tomography
CTPA	: CT pulmonary angiography
CXR	: Chest radiograph
DIP	: Desquamative interstitial pneumonia
DLCO	: diffusing capacity for carbon monoxide
DPLD	: Diffuse parenchymal lung disease
ERS	: European Respiratory Society
FDA	: Food and Drug Administration
FEV1	: Forced Expiratory Volume

FVC	:	Forced Vital Capacity
GERD	:	Gastro esophageal reflux disease
GGO	:	Ground Glass Opacification
HRCT	:	High Resolution Computed Tomography
ICU	:	Intensive Care Unit
IIP	:	Idiopathic Interstitial Pneumonia
ILD	:	Interstitial Lung Diseases
IPF	:	Idiopathic Pulmonary Fibrosis
JRS	:	Japanese Respiratory Society
KG	:	Kilo Gram
LIP	:	Lymphocytic interstitial pneumonia
LTOT	:	Long-term oxygen therapy
LTx	:	Lung Transplantation
MDCT	:	Multi-detector Computed Tomography
MHz	:	Megahertz
ml	:	Milliliter
mm	:	Millimeter
mmHg	:	Millimeter of Mercury
M-mode	:	Motion Mode
Mmol/L	:	Millimole/liter
MPM	:	Malignant Pleural Mesothelioma
MRI	:	Magnetic Resonance Imaging
NAC	:	N-Acetylcysteine
NIH	:	National Institutes of Health

List of Aberrations

No.	:	Number
NSIP	:	Non Specific Interstitial Pneumonia
PA	:	Posteroanterior
PAL	:	Posterior Axillary Line
PCP	:	Pneumocystis Pneumonia
PE	:	Pulmonary Embolism
PFT	:	Pulmonary Function Tests
PPFE	:	Pleuro Parenchymal Fibroelastosis
RB-ILD	:	Respiratory Bronchiolitis-Interstitial Lung Disease
Rt.	:	Right
SD	:	Standard Deviation
TB	:	Tuberculosis
TGFβ	:	transforming Growth Factor Beta
TLC	:	total Lung Capacity
TUS	:	Thoracic Ultrasound
UIP	:	Usual Interstitial Pneumonia
US	:	Ultrasound
USA	:	United States of America
VC	:	Vital Capacity
2D	:	Two-dimensional
6MWT	:	6-minute Walk Test

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