Evaluation of von Willebrand factor as a Marker For early diagnosis of Acute Respiratory Distress Syndrome (A.R.D.S) in comparison to Interleukin 6

Thesis *Submitted for Partial Fulfillment of*
MD Degree in general Intensive care medicine

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2016


بسم الله الرحمن الرحيم
قَالُوا سُبْحَانَكَ
لاَ عِلْمَ لَنَا
إِلاَّ مَا عَلَّمْتَنَا
إِنَّكَ أَنتَ
الْعَلِيمُ الْحَكِيمُ
صدق الله العظيم
سورة البقرة الآية (32)

Acknowledgements

*First, and foremost, my deepest gratitude and thanks should be offered to **"ALLAH",** the Most Kind and Most Merciful, for giving me the strength to complete this work.*

*I would like to express my sincere gratitude to **Prof. Mohammed Abd el Khalek Mohammed Ali** Professor of Anesthesiology and general Intensive Care* medicine*, Ain Shams University Faculty of Medicine, for his continuous support and guidance for me to present this work. It really has been an honor to work under his generous supervision.*

*I acknowledge with much gratitude to **Dr. Ehab Hamed Abd El-Salam** Assistant Professor of Anesthesiology and general Intensive Care medicine, Ain Shams University Faculty of Medicine for his great supervision, efforts and unlimited help to provide all facilities in the whole work.*

*My deepest appreciation is to **Dr. W'alid Abdallah Ibrahem, and Dr. Dalia El Fawy** Lecturers of Anesthesiology and general Intensive Care medicine, Faculty of Medicine, Ain Shams University for their kind advices and great efforts throughout this work they never ending determination to bring the best out of this work.*

Samar Ibrahem Mahmoud aimer

Dedication

To soul of my father, who didn't deprive me his pray for the length of his life

To every patient who may need my help

Samar ibrahem mahmoud aimer

Content

Abbreviations

ADAMTS : A Disintegrin And Metalloproteinase with Thrombo Spondin

AECC : American European Consensus Conference

ALVEOLI trials: Assessment of Low Tidal Volume and Elevated End-Expiratory Pressure to Obviate Lung Injury

APC : Activated protein C

APRV : Airway pressure-release ventilation

ARDS : Acute respiratory distress syndrome

ARM : Alveolar recruitment maneuvers.

ATI : Type I pneumocytes

ATII : Type II pneumocytes

AUC : Area under the curve

BALF : Broncho -alveolar lavage fluid

BIPAP : Bi-level positive airway pressure

CAPs : Channel activating proteases

COP **:** Critical opening pressure

CPAP **:** Continuous positive airway pressure

CPS **:** Child Pugh score

DAD **:** Diffuse alveolar damage-

ECMO **:** Extracorporeal membrane oxygenation

ENaC **:** Epithelial sodium channel

EVLW **:** Extra-vascular lung water

GMCSF **:** Granulocyte-macrophage colony stimulating factor

GP Ib, IIb **:** Glycol protein Ib, IIb.

HARP study **:** Hydroxymethylglutaryl-CoA reductase inhibition with simvastatin in Acute lung injury to Reduce Pulmonary dysfunction

HFOV **:** High-frequency oscillatory ventilation),

HMGB1 **:** High Mobility Box-1 protein

HMGB-1 **:** Mobility group box-1 protein

ICAM-1 **:** Intercellular adhesion molecule-1

IIT **:** Intensive insulin therapy

IPAP : inspiratory positive airway pressure

IPF : interstitial pulmonary fibrosis

IRDS : Infant respiratory distress syndrome

KL-6 : Krebs von den Lungen 6

LBP : Lipopolysaccharide binding protein

LPVS : Lung-protective ventilatory strategy

MELD : Model for End-Stage Liver Disease

MMP : Matrix Metalloprotease

MMP-9 : Metallo-proteinases

NIH : National Institutes of Health

NIV : Noninvasive ventilation

NMBs : Neuromuscular blockers

NO : Nitric oxide

PAI-1 : Plasminogen activator inhibitor-1

PCP : Procollagen peptide

PCWP : Pulmonary capillary wedge pressure

RAGE : Receptor for advanced glycation end-products

RMA **:** Respiratory Management in Acute Lung Injury/Acute Respiratory Distress Syndrome

ROC curve **:** Receiver operating characteristic curve

RR **:** Respiratory rate

SPs **:** Surfactant proteins

TFPI **:** Tissue factor pathway inhibitor

TRALI **:** Transfusion related acute lung injury

VEGF **:** Vascular endothelial growth factor

VILI **:** Ventilator-Induced Lung Injury

VOCs **:** Volatile organic compounds

VWF : Von Willebrand Factor

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