

LIST OF FIGURES

Figure		page
1.	Pathophysiological mechanisms of ventilator induced lung injury.	3
2.	Deep sulcus sign revealing large right pneumothorax .	6
3.	Kaplan- Meier survival curve Log Rank test comparing survival in cases with and without pneumothorax	25

LIST OF ABBREVIATIONS

ABG	: Arterial blood gases
ARDS	: Acute respiratory distress syndrome
BTS	: British Thoracic Society
CMV	: Conventional mechanical ventilation
C-PAP/PS	: Continuous positive airway pressure with pressure support
CRP	: C- reactive protein
CT scan	: Computed tomography
CVC	: Central venous catheter
FiO₂	: Fraction of inspired oxygen
HCO₃	: Bicarbonate concentration
HFOV	: High frequency oscillatory ventilation
ICC	: Intercostal chest catheter
ICU	: Intensive care unit
IP	: Iatrogenic pneumothorax
LOS	: Length of stay
MAP	: Mean arterial pressure
Maw	: Mean airway pressure
OI	: Oxygenation index
P_aCO₂	: Arterial carbon dioxide tension
PAL	: Persistent air leak
P_aO₂	: Arterial oxygen tension
PC	: Pressure control
PEEP	: Positive end expiratory pressure
PELOD score	: Pediatric logistic organ dysfunction score

pH	: Hydrogen ion concentration
PICU	: Pediatric intensive care unit
PIM2 score	: Pediatric index of mortality score
PIP	: Peak inspiratory pressure
PSP	: Primary spontaneous pneumothorax
S_aO₂	: Arterial oxygen saturation
SARS	: Severe acute respiratory syndrome
SIMV/PS	: Synchronized intermittent mandatory ventilation with pressure support
SIMV/VC	: Synchronized intermittent mandatory ventilation with volume control
SSP	: Secondary spontaneous pneumothorax
TPT	: Tension pneumothorax
VC	: Volume control
WBC	: White blood cells
ΔP	: Delta P