

LIST OF ABBREVIATIONS

ACV	:	Assisted control ventilation.
AECOPD	:	Acute exacerbation of chronic obstructive pulmonary disease.
AUC	:	Area under the curve.
AW	:	Acquired weakness.
BMI	:	Body mass index.
BNP	:	B –type natriuretic peptide.
CI	:	Confidence interval.
CK-MB	:	Creatine phosphokinase –myocardial band.
CO₂	:	Carbon dioxide.
COPD	:	Chronic obstructive pulmonary disease.
CPAP	:	Continuous positive airway pressure.
CRP	:	C reactive protein.
Cst,rs	:	Static compliance.
DA	:	Diagnostic accuracy.
DALY	:	Disability adjusted life years.
ECG	:	Electrocardiogram.
E-coli	:	Eschericia coli.
EGFR	:	Epidermal growth factor receptor.
ETMV	:	Endotracheal mechanical ventilation.
f	:	Breathing frequency.
f/Vt	:	Frequency tidal volume ratio.
FEV1	:	Forced expiratory volume during the first second.
FiO₂	:	Inspired fraction of oxygen.
FVC	:	Forced vital capacity.
GCS	:	Glasgow coma score.
GINA	:	Global initiative for asthma.
GOLD	:	Global initiative for chronic obstructive lung disease.
H.influenzae	:	Haemophilus infeluenzae.
HI	:	Hypoxaemic index.
HR	:	Heart rate.
HRV	:	Heart rate variability.
ICU	:	Intensive care unit.

IL	:	Interleukin.
IMV	:	Intermittent mandatory ventilation.
IPPV	:	Invasive positive pressure ventilation.
IV	:	Intravenous.
IVC	:	Inferior vena cava.
IWI	:	Integrative weaning index.
K. pneumoniae	:	Klebsiella pneumoniae.
LOS	:	Hospital length of stay.
LT	:	Leukotriene.
M. catarrhalis	:	Moraxella catarrhalis.
mcg	:	Microgram.
MD	:	Mean difference.
MDI	:	Metered dose inhalers.
mg	:	Milligram.
MIP	:	Maximum inspiratory pressure.
MMPs	:	Matrix metalloproteinases.
MMRC	:	Modified medical research council.
NICE	:	National institute for clinical excellence.
NIPPV	:	Non invasive positive pressure ventilation
NIV	:	Non invasive ventilation.
NPV	:	Negative predictive value.
OR	:	Odds ratio.
P.aureginosa	:	Pseudomonas aureginosa.
P0.1/Pimax	:	Airway occlusion pressure in the first 0.1 second maximum inspiratory pressure ratio.
PaCO₂	:	Arterial pressure of carbon dioxide.
Palv	:	Alveolar pressure.
PaO₂	:	Arterial pressure of oxygen.
PAO₂-PaO₂	:	Alveolar arterial pressure gradient of oxygen.
Pdi	:	Pressure generating capacity.
PEEP	:	Positive end expiratory pressure.
PEEPi	:	Intrinsic positive end expiratory pressure.
Pes	:	Esophageal pressure.

Pimax	:	Maximum inspiratory pressure.
PPV	:	Positive predictive value.
PSV	:	Pressure support ventilation.
Rdi	:	Radius of the curvature.
ROC	:	Receiver operating characteristic curve.
RR	:	Respiratory rate.
RR	:	Risk ratio.
RSBI	:	Rapid shallow breathing index.
S.pneumoniae	:	Streptococcus pneumoniae.
SaO₂	:	Arterial saturation of oxygen.
SBP	:	Systolic blood pressure.
SBT	:	Spontaneous breathing trial.
SE	:	Sensitivity.
SIMV	:	Synchronized intermittent mandatory ventilation.
SP	:	Specificity.
SpO₂	:	Pulse oximeter.
SR	:	Spontaneous rate.
SUPPORT	:	Study to understand prognoses and preferences for outcomes and risk of treatment.
Tdi	:	Tension generating capacity.
TGF	:	Transforming growth factor.
TNF	:	Tumor necrosis factor.
V_A/Q	:	Ventilation perfusion imbalance.
VAP	:	Ventilator associated pneumonia.
VE	:	Minute ventilation.
VR	:	Ventilator rate.
WOB	:	Work of breathing.