

Abbreviations and Acronyms

ADL	Activities of daily living
AECOPD	Acute exacerbation of chronic obstructive pulmonary disease
AHRF	Acute hypercapnic respiratory failure
AHRQ	Agency for Healthcare Research and Quality
ALS	Amyotrophic lateral sclerosis
BMI	Body mass index
BPAP	Bi-level positive airway pressure
CI	Confidence interval
cmH ₂ O	Centimeters of water (pressure)
CMS	Centers for Medicare and Medicaid Services
COPD	Chronic obstructive pulmonary disease
CPAP	Continuous positive airway pressure
EPAP	Expiratory positive airway pressure
EPC	Evidence-based Practice Center
ER	Emergency room
FDA	Food and Drug Administration
FEV ₁	Forced expiratory volume in one second
FFM	Full face mask
FVC	Forced vital capacity
H ₂ O	Water
HMV	Home mechanical ventilators
ICU	Intensive care unit
IPAP	Inspiratory positive airway pressure
IR	Incidence rate
IRR	Incidence rate ratio
Kg	Kilogram
KQ	Key Question
LTACH	Long-term acute care facility
LTOT	Long-term oxygen therapy
m	meters
mbad	megabar
MHRA	Medicines and Healthcare Products Regulatory Agency
MIP	Maximal inspiratory pressure
Mbar	Megabar
mL	Milliliters

mmHg	Millimeters of mercury
NA	Not Available
NIPPV	Non-invasive positive pressure ventilation
NIV	Non-invasive ventilation
NMD	Neuromuscular diseases
NOS	Not otherwise specified
OHS	Obesity hypoventilation syndrome
OR	Odds ratio
PaCO ₂	Partial pressure of arterial carbon dioxide
PaO ₂	Partial pressure of arterial oxygen
PCF	Peak cough flow
PEEP	Positive end expiratory pressure
pH	Potential of hydrogen
PICOTS	Population, interventions, comparisons, outcomes, timing, and setting
Pimax	Maximal inspiratory mouth pressures
PRISMA	Preferred Reporting Items for Systematic Reviews and Meta-Analyses
PSG	Polysomnogram
PtcCO ₂ /TcCO ₂	Pressure of transcutaneous carbon dioxide
QoL	Quality of life
RAD	Respiratory assist device
RCT	Randomized controlled trial
S	Spontaneous mode
SaO ₂	Arterial blood oxygen saturation
SF-36	Medical Outcomes Study Questionnaire Short Form
SMD	Standardized mean difference
SNP	Sniff nasal pressure
SOE	Strength of evidence
ST	Spontaneous/timed breath mode
ST90	Sleep time with oxygen saturation below 90%
TRD	Thoracic restrictive diseases
VAPS	Volume assured pressure support
VC	Vital capacity
WMD	Weighted mean difference