Yes Start from here Inpatient encounter with Patient had MV initiated within 30 days after first OR proc – as evidenced by either: discharge date within Exit measurement period? Intubation that occurred outside of Is within 30 days after the end of a procedural area the First OR proc of the encounter Yes Elective encounter Exit MV that occurs There is no Is preceded by a outside of a subsequent OR period of non-Yes procedural area proc between the invasive oxygen within 30 days after non-invasive therapy between the end of the First oxygen therapy the end of the OR Patient age ≥18 at the start of OR proc of the and the MV proc and the MV Exit the inpatient encounter? encounter occurrence occurrence Yes Dx: Diagnosis OR **POA:** Present on Admission Patient has obstetrical OR: Operating Room Exit Patient had MV with a duration of more than 48 hours after the first OR proc – as condition? **Proc**: Procedure evidenced by either: MV: Mechanical Ventilation No Extubation that Is within 30 Is not preceded by a period PaO2: Arterial partial pressure of oxygen of non-invasive oxygen occurs outside days after PaCO2: Arterial partial pressure of carbon dioxide of a procedural AND the end of therapy or a subsequent Met measure denominator **hr:** hour(s) area > 48 hr the First OR OR proc between the end exclusions? after the end of proc of the of the OR proc and the an OR proc encounter extubation occurrence OR Patient had Patient Patient Patient had proc for selected had PaO2 Patient had a Patient had PaCO2>50mm **Patient** Patient had MV pharyngeal, nasal, oral, facial, MV that Patient Is not preceded by a non-Is within 30 <50mmHG **HG** combined had a tracheostomy any Dx for had a that or tracheal surgery involving occurs had any Dx invasive oxygen therapy days after within 48 with arterial principal secondary performed neuromuscul starts > 1 significant risk of airway POA between 48 or a subsequent OR proc the end of hr or less pH <7.30 Dx for Dx for before or on ar disorder or hr prior compromise likely to require and 72 hours for existence between the end of the the First OR within 48 hr the same day prior to acute acute degenerative to start prophylactic retention of the of after the end OR proc and the MV proc of the start of as the first neurological or less prior to respiratory respiratory of first endotracheal tube for at least of an OR proc tracheostomy occurrence encounter first OR start of first failure failure POA OR proc disorder OR proc 48 hr OR proc Yes No Exclude from Measure Met measure numerator definition? denominator denominator

Postoperative Respiratory Failure

Measure

denominator