

Supplementary Material 2:

Primary Outcome Variables

<i>ICD</i>	<i>Description</i>
480*	Viral pneumonia
481*	Pneumococcal pneumonia
482*	Other bacterial pneumonia
483*	Pneumonia due to other specified organisms
484*	Pneumonia in infectious diseases classified elsewhere
485*	Bronchopneumonia, organism unspecified
486*	Pneumonia, organism unspecified
506	Respiratory conditions due to chemical fumes and vapours
506.1	Acute pulmonary oedema due to fumes and vapours
506.2	Upper respiratory inflammation due to fumes and vapours
506.3	Other acute and subacute respiratory conditions due to fumes and vapours
512*	Pneumothorax and air leak
518.1	Nontraumatic subcutaneous emphysema
518.4	Acute oedema of the lung, unspecified
518.5	Pulmonary insufficiency following trauma and surgery
518.51	Acute respiratory failure following trauma and surgery
518.52	Other pulmonary insufficiency, not elsewhere classified, following trauma and surgery
518.53	Acute and chronic respiratory failure following trauma and surgery
518.81	Acute respiratory failure
518.82	Other pulmonary insufficiency, not elsewhere classified
786.09	Respiratory Insufficiency
799.1	Respiratory arrest

J12*	Viral pneumonia, not elsewhere classified
J13*	Pneumonia due to <i>Streptococcus pneumoniae</i>
J14*	Pneumonia due to <i>Hemophilus influenzae</i>
J15*	Bacteria pneumonia, not elsewhere classified
J16*	Pneumonia due to other infectious organisms, not elsewhere classified
J17	Pneumoniae in diseases classified elsewhere
J18*	Pneumonia, unspecified organism
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapours
J68.1	Pulmonary oedema due to chemicals, gases, fumes, and vapours
J68.2	Upper respiratory inflammation due to chemicals, gases, fumes, and vapours, not elsewhere classified
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes, and vapours
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes, and vapours
J68.8	Other respiratory conditions due to chemicals, gases, fumes, and vapours
J68.9	Unspecified respiratory conditions due to chemicals, gases, fumes, and vapours
J85.1	Abscess of lung with pneumonia
J80	Acute respiratory distress syndrome
J81.0	Acute pulmonary oedema
J95.811	Postprocedural pneumothorax
J95.812	Postprocedural air leak
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J96.0	Acute respiratory failure
J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.01	Acute respiratory failure with hypoxia

J96.02	Acute respiratory failure with hypercapnia
J96.1	Chronic respiratory failure
J96.10	Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.11	Chronic respiratory failure, with hypoxia
J96.12	Chronic respiratory failure, with hypercapnia
J96.2	Acute and chronic respiratory failure following trauma and surgery
J96.20	Acute and chronic respiratory failure unspecified whether with hypoxia or hypercapnia
J96.21	Acute and chronic respiratory failure with hypoxia
J96.22	Acute and chronic respiratory failure with hypercapnia
J96.9	Respiratory failure, unspecified
J96.90	Respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.91	Respiratory failure, unspecified with hypoxia
J96.92	Respiratory failure, unspecified with hypercapnia
R09.0	Asphyxia and hypoxemia
R09.01	Asphyxia
R09.02	Hypoxemia
R09.2	Respiratory arrest

Outcomes included in the sensitivity analysis

Pneumonia

<i>ICD</i>	<i>Description</i>
480*	Viral pneumonia
481*	Pneumococcal pneumonia
482*	Other bacterial pneumonia
483*	Pneumonia due to other specified organisms

484*	Pneumonia in infectious diseases classified elsewhere
485*	Bronchopneumonia, organism unspecified
486*	Pneumonia, organism unspecified
J12*	Viral pneumonia, not elsewhere classified
J13*	Pneumonia due to <i>Streptococcus pneumoniae</i>
J14*	Pneumonia due to <i>Hemophilus influenzae</i>
J15*	Bacteria pneumonia, not elsewhere classified
J16*	Pneumonia due to other infectious organisms, not elsewhere classified
J17	Pneumoniae in diseases classified elsewhere
J18*	Pneumonia, unspecified organism
J68.0	Bronchitis and pneumonitis due to chemicals, gases, fumes and vapours
J85.1	Abscess of lung with pneumonia

Respiratory failure

<i>ICD</i>	<i>Description</i>
518.5	Pulmonary insufficiency following trauma and surgery
518.51	Acute respiratory failure following trauma and surgery
518.52	Other pulmonary insufficiency, not elsewhere classified, following trauma and surgery
518.53	Acute and chronic respiratory failure following trauma and surgery
518.81	Acute respiratory failure
518.82	Other pulmonary insufficiency, not elsewhere classified
786.09	Respiratory Insufficiency
799.1	Respiratory arrest

J80	Acute respiratory distress syndrome
J95.821	Acute postprocedural respiratory failure
J95.822	Acute and chronic postprocedural respiratory failure
J96.0	Acute respiratory failure
J96.00	Acute respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.01	Acute respiratory failure with hypoxia
J96.02	Acute respiratory failure with hypercapnia
J96.1	Chronic respiratory failure
J96.10	Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.11	Chronic respiratory failure, with hypoxia
J96.12	Chronic respiratory failure, with hypercapnia
J96.2	Acute and chronic respiratory failure following trauma and surgery
J96.20	Acute and chronic respiratory failure unspecified whether with hypoxia or hypercapnia
J96.21	Acute and chronic respiratory failure with hypoxia
J96.22	Acute and chronic respiratory failure with hypercapnia
J96.9	Respiratory failure, unspecified
J96.90	Respiratory failure, unspecified whether with hypoxia or hypercapnia
J96.91	Respiratory failure, unspecified with hypoxia
J96.92	Respiratory failure, unspecified with hypercapnia
R09.0	Asphyxia and hypoxemia
R09.01	Asphyxia
R09.2	Respiratory arrest

Pneumothorax

<i>ICD</i>	<i>Description</i>
512*	Pneumothorax and air leak
518.1	Nontraumatic subcutaneous emphysema
J95.811	Postprocedural pneumothorax
J95.812	Postprocedural air leak
S27.0	Traumatic pneumothorax

Pulmonary edema

<i>ICD</i>	<i>Description</i>
506.1	Acute pulmonary oedema due to fumes and vapours
518.4	Acute oedema of the lung, unspecified
J68.1	Pulmonary oedema due to chemicals, gases, fumes, and vapours
J81.0	Acute pulmonary oedema

Other

<i>ICD</i>	<i>Description</i>
506	Respiratory conditions due to chemical fumes and vapours
506.2	Upper respiratory inflammation due to fumes and vapours
506.3	Other acute and subacute respiratory conditions due to fumes and vapours
J68.2	Upper respiratory inflammation due to chemicals, gases, fumes, and vapours, not elsewhere classified
J68.3	Other acute and subacute respiratory conditions due to chemicals, gases, fumes, and vapours
J68.4	Chronic respiratory conditions due to chemicals, gases, fumes, and vapours
J68.8	Other respiratory conditions due to chemicals, gases, fumes, and vapours

J68.9 **Unspecified respiratory conditions due to chemicals, gases, fumes, and vapours**

R09.02 **Hypoxemia**