

**Table 2:** Berlin criteria for diagnosis and prognostication of ARDS.

1. Onset within 7 days after known precipitant (see table 1) or new/progressive respiratory symptoms.
2. Bilateral Opacities on chest X-ray or chest CT.
3. Respiratory distress not due to CHF or volume overload
4. P:F ratio\* with PEEP  $\geq 5$  cmH<sub>2</sub>O
  - P:F of 201 - 300; considered mild ARDS with 27% mortality
  - P:F of 101 - 200; considered moderate ARDS with 32% mortality
  - P:F  $\leq 100$ ; considered severe ARDS with 45% mortality

\* Ratio of PaO<sub>2</sub>: FiO<sub>2</sub>. PaO<sub>2</sub> obtained from ABG or estimated with a pulse oximeter. To determine FiO<sub>2</sub> from litres per minute (LPM) of O<sub>2</sub> use  $FiO_2 = 21\% + (4 \times LPM)$ .

Adapted from Thompson, et al 2017, and Fan et al 2018.