
Two or more serial chest radiographs with at least one of the following (1 radiograph is sufficient for patients with no underlying pulmonary or cardiac disease):

- 1 New or progressive and persistent infiltrates.
- 2 Consolidation.
- 3 Cavitation.

AND at least one of the following:

- a Fever ($>38^{\circ}\text{C}$) with no other recognised cause.
- b Leucopaenia (white cell count $<4 \times 10^9/\text{L}$) or leucocytosis (white cell count $>12 \times 10^9/\text{L}$).
- c For adults >70 years old, altered mental status with no other recognised cause.

AND at least two of the following:

- a New onset of purulent sputum or change in character of sputum, or increased respiratory secretions, or increased suctioning requirements.
 - b New onset or worsening cough, or dyspnoea, or tachypnoea.
 - c Rales or bronchial breath sounds.
 - d Worsening gas exchange (hypoxaemia, increased oxygen requirement, increased ventilator demand).
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Figure 1: U.S. Centres for Disease Control definition of pneumonia (Jammer et al., 2015).