

**Table I Definition used for infection in each study**

Study	Definition of infection
Chamorro 2005	temperature 37.5°C in 2 determinations or 37.8°C in a single determination in patients with suggestive symptoms (ie, cough, dyspnea, pleuritic pain, urinary tract symptoms), white blood cell count 11 000/mL or 4000/mL, pulmonary infiltrate on chest x-rays, or cultures positive for a pathogen.
Harms 2008	A) abnormal respiratory examination, pulmonary infiltrates in chest x-rays; B) productive cough with purulent sputum, microbiological cultures from lower respiratory tract or blood cultures, leukocytosis, and elevation of C-reactive protein. Diagnosis of urinary tract infection was based on two of the following criteria: fever (>38°C), urine sample positive for nitrite, leucocyturia, and significant bacteriuria.
Kalra 2015	(1) patient's temperature of at least 37.5°C or higher on two consecutive measurements or one measurement of 38.0°C or higher and (2) a respiratory rate of 20 breaths per min or more, or cough and breathlessness, or purulent sputum, and (3) a white blood cell count that is higher than $11.0 \times 10^9/L$ , or chest infiltrates on radiograph, or positive sputum culture or microbiology, or positive blood culture.
Kohler 2013	Not mentioned
Schwarz 2008	<p>Pneumonia:</p> <p>Evidence of a new infiltrate on the chest x-ray compatible with the diagnosis of infection plus at least one of the following findings:</p> <p>Fever (temperature 38.0°C)</p> <p>Leukocytosis 12000/L or leukopenia 3000/L</p> <p>Purulent tracheal secretions</p> <p>Tracheobronchitis</p> <p>Purulent tracheals secretions or sputum plus at least one of the following findings:</p> <p>Fever (temperature 38.0°C)</p> <p>Leukocytosis 12000/L or leukopenia 3000/L</p> <p>Urinary tract infection</p> <p>Evidence of 25 leukocytes/L in the urine if not explained by other findings (eg, blood contamination); each urinary tract infection in this patient group is considered significant</p> <p>Bacteremia Evidence of bacteria in blood cultures</p> <p>Sepsis</p> <p>Clinical evidence of an infection with at least two of the following findings:</p> <p>Temperature 38°C or 35°C</p> <p>Tachycardia 90/min</p> <p>Tachypnea 20/min</p> <p>Leukocytosis 12 000/L or leukopenia 3000/L</p>

Westendorp 2014	Infection of unclear origin or other infections Clinical evidence of an infection of unknown origin or any other systemic infection according to modified Centers for Disease Control and Prevention criteria (2008).
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