

Appendix 1 - Details of search strategies

MEDLINE (Ovid)

1. exp Pneumonia/
2. exp Community-Acquired Infections/
3. "community-acquired pneumonia.tw.
4. exp "Outcome Assessment (Health Care)"/
5. exp "Recovery of Function"/
6. exp "Activities of Daily Living"/
7. exp Symptom Assessment
8. exp Treatment Outcome/
9. exp Patient Readmission/
10. symptom recovery.tw.
11. symptomatic recovery.tw.
12. functional recovery.tw.
13. 1 and 2
14. 3 or 13
15. OR/ 4-12
16. 14 and 15

EMBASE (OVID)

1. exp pneumonia/
2. exp community acquired infection/
3. community acquired pneumonia*.tw.
4. community-acquired pneumonia*.tw.
5. 1 and 2
6. OR/ 3-5
7. exp outcome assessment/
8. recovery of function*.mp. or exp convalescence/
9. exp daily life activity/
10. exp symptom assessment/
11. exp treatment outcome/
12. exp hospital readmission/
13. symptom recovery*.tw.
14. symptomatic recovery*.tw.
15. OR/ 7-14
16. 6 and 15

AMED (OVID)

1. exp Pneumonia/
2. community-acquired infection*.mp.
3. community-acquired pneumonia*.mp.
4. community acquired pneumonia*.mp.
5. OR/ 1-4
6. exp "recovery of function"/
7. exp "Activities of daily living"/
8. exp Symptoms/
9. exp Treatment outcome/
10. exp Rehabilitation/
11. patient readmission*.mp.
12. functional recovery*.mp.
13. OR/ 6-12
14. 5 and 13

Appendix 2; Online supplementary material; Table S1; Risk of bias in included studies

First Author	Primary Outcome	Selection Domain (max 3)	Outcome Domain (max 3)	Comments
Adamuz 2011	Additional healthcare utilisation within 30days of discharge	3	2	Outcome measure not clearly defined or justified
Adamuz 2015	Additional healthcare utilisation within 30days of discharge	3	3	
Bruns 2010	Rate of radiographic resolution	2	2	20.1% loss to follow-up
Carratala 2005	Successful outcome' - composite of 7 predefined criteria	3	3	Low severity CAP (PSI classes II and III only)
Daniel 2018	Healthcare re-consultation within 4 weeks of discharge	2	3	Working age adults, low severity CAP
El Moussaoui 2006	Pneumonia related symptoms during follow-up	2	2	Low severity CAP
Fine 1999	Not defined - process of care and outcome of outpatients and hospitalised patients with CAP	2	2	
Labarere 2007	30 day mortality rate	2	3	Low severity CAP
Marrie 2000	Proportion of patients with symptom resolution at 6 weeks	2	2	No details regarding loss to follow-up
Metlay 1998	Proportion of patients with symptom resolution at 4 weeks	2	2	
Nickler 2016	Decline in QoL from hospital admission (baseline) to day 30 and after 6 years.	2	2	Not representative sample excluded elderly, dementia, significant co-morbid disease
Sharma 2006	Decline in ADL score by at least 1 point, comparing baseline prehospitization ADL to 1 and 6 months post discharge.	2	2	Not representative sample, from cohort study of delirium in elderly, no details on loss to follow-up
Uranaga 2016	Clinical success rate at day 10 and day 30 since admission	3	3	
Wootoon 2017	Time for symptomatic recovery to baseline	2	2	Excluded patients with cognitive impairment, no loss to follow-up information
Wyrwich 2015	Time for symptom resolution	0	2	