

Multimedia Appendix 3. Detailed search terms for 30 clinical questions, extracted from the abstract of the corresponding Cochrane Systematic Review according to the PICO-framework.

	Population	Intervention	Control	Outcome
1	epilepsy OR (partial onset seizures) OR (generalized onset tonic-clonic seizures)	carbamazepine monotherapy	phenytoin monotherapy	(withdrawal treatment) OR remission OR seizure
2	pneumonia AND adults	physiotherapy		cure OR mortality OR (adverse events) OR duration
3	(peptic ulcer) AND (bleeding OR haemorrhage)	epinephrine injection	endoscopic treatment	rebleeding OR surgery OR complications OR mortality
4	carotid AND (occlusion OR symptomatic)	extracranial-intracranial bypass surgery		ischemic OR stroke OR haemodynamic OR dependency
5	asthma	fluticasone	beclomethasone AND (extrafine OR HFA)	(lung function) OR spirometry OR exacerbation
6	((health care workers) OR (long-term care facilities) OR (nursing homes)) AND (elderly OR residents)	influenza vaccination		incidence OR complication OR mortality
7	(chronic bronchitis) OR COPD	mucolytics	placebo	exacerbations

	Population	Intervention	Control	Outcome
8	influenza AND adults	(neuraminidase inhibitors) OR oseltamivir OR zanamivir	placebo	treatment OR prevention OR transmission OR complications OR (adverse events)
9	(otitis media) AND children	adenoidectomy		effusion OR time
10	venous leg ulcer	antibiotic OR antiseptic		healing OR surface OR size
11	Graves' hyperthyroidism	(antithyroid drug therapy) OR carbimazole OR propylthiouracil OR methimazole	dose OR regimen OR duration	relapse OR hypothyroidism OR mortality
12	severe malaria	artesunate	quinine	mortality
13	uncomplicated myocardial infarction	(bed rest) OR (early mobilisation)		mortality OR reinfarction
14	advanced OR chronic	benzodiazepine		breathlessness OR dyspnoea
15	hypertension AND adult	beta-blocker AND combination	antihypertensive AND (alone OR monotherapy)	reduction OR (heart rate) OR (adverse effects)
16	hypertension	amiloride OR triamterene	placebo OR antihypertensive	(blood pressure lowering) OR (adverse effects)
17	asthma AND adults	caffeine OR coffee	placebo OR decaffeinated	(lung function) OR (exhaled nitric oxide)
18	type 1 diabetes	continuous subcutaneous insulin infusion	multiple insulin injection	(blood glucose) OR HbA1c OR (hypoglycaemic episodes) OR (quality of life)
19		cyclosporin	placebo	blood pressure

	Population	Intervention	Control	Outcome
20	acute pancreatitis	enteral nutrition	parenteral nutrition	mortality OR (length of stay) OR SIRS OR MOF OR complications
21	low-back pain	exercise OR (physical activity)		recurrence
22	(myocardial infarction) OR (coronary disease) OR (heart failure)	home based rehabilitation	centre OR hospital rehabilitation	mortality OR (quality of life) OR (risk factors)
23	epilepsy	carbamazepine	controlled release	seizure OR (adverse events)
24	upper gastrointestinal bleeding	(proton pump inhibitor) AND (before endoscopy)		mortality OR rebleeding OR surgery
25	ulcerative colitis	5-ASA AND (rectal OR suppository OR enema)		remission
26	asthma	salmeterol		(adverse events) OR mortality
27	tuberculosis	rifabutin	rifampicin	culture OR conversion
28	chemotherapy AND adult AND cancer	(serotonin OR 5-HT3) AND antagonists		nausea OR vomiting
29	(gastro-oesophageal reflux disease) OR heartburn	(proton pump inhibitor) OR (H2-receptor antagonist) OR prokinetic		remission OR relief OR (quality of life)
30	osteoarthritis AND (knee OR hip)	therapeutic ultrasound		pain OR function