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Title	Effectiveness and Safety of Antibiotics for Preventing Pneumonia and Improving Outcome after Acute Stroke: Systematic Review and Meta-analysis
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Table 1. Characteristics of studies included

Study	Number of participants	Key Inclusion criteria	Baseline NIHSS median (Range)	Nasogastric tube	Intervention	Control	Time to first dose of antibiotic (Mean) hours	Length of follow-up
De Falco et al, 1998 [15]	80	acute ischemic stroke, interval between onset and hospitalization <12 hrs	NR	NR	Penicillin or penicillin derivatives	No preventive antibiotics	NR	NR
Chamorro, et al, 2005 [11] (ESPIAS)	136	ischaemic or haemorrhagic stroke, age > 18 years, onset <24 hrs, NIHSS ≥ 5	11-14 (7-19)	NR	Levofloxacin 500 mg for 3 days	Placebo	14.1	12 weeks
Harms et al, 2008 [12] (PANTHERIS)	79	acute ischemic stroke (9-36 hrs after onset) in MCA territory, NIHSS score≥12, age≥18 years	15-17 (12-25)	64-67%	Moxifloxacin 400 mg iv for 5 days	Placebo	24	24 weeks

Study	Number of participants	Key Inclusion criteria	Baseline NIHSS median (Range)	Nasogastric tube	Intervention	Control	Time to first dose of antibiotic (Mean) hours	Length of follow-up
Schwarz et al, 2008 [16] (MISS)	60	age≥18 years, stable deficit, ischemic stroke with onset of symptoms <24 hrs, mRS score>3	15-16.5 (5-28)	NR	Mezlocillin 2g plus sulbactam 1g iv 8 hourly for 4 days	No preventive anitibiotics	10.9	12 weeks
Westendorp et al, 2015 [17] (PASS)	2538	ischaemic or haemorrhagic stroke, onset<24 hrs, NIHSS score≥1, age≥18 years	5 (3-9)	NR (Dysphagia range 26-27%)	Ceftriaxone 2g iv once daily for 4 days	No preventive antibiotics	24	12 weeks
Kalra et al, 2015 [13] (STROKE-INF)	1217	age>18 years, ischaemic or haemorrhagic stroke, with onset of symptoms within 48 hrs, unsafe to swallow	14-15 (9-20)	22-27%	Amoxycillin or co-amoxyclav with clarithromycin or amoxycillin alone or amoxycillin plus metro or cephalosporins or other	No preventive antibiotics	48	12 weeks

Study	Number of participants	Key Inclusion criteria	Baseline NIHSS median (Range)	Nasogastric tube	Intervention	Control	Time to first dose of antibiotic (Mean) hours	Length of follow-up
					antibiotics for 7 days			

Abbreviations: DM, diabetes mellitus; HT, hypertension; NIHSS, National Institute of Health stroke scale; NR, not reported; mRS score, modified Rankin scale score.

*Number of participants