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Antibiotics



Body system	Situation of use	Antimicrobial choice	Notes
Oral	Peridental disease	Topical chlorhexidine for 5 days post-op. Clindamycin/Amoxycillin	Systemic AB in high risk patients, or cases with osteomyelitis
Respiratory	Bacterial pneumonia	Clindamycin and Enrofloxacin Cats: Doxycycline	4 - 6 weeks or 1 week after resolution of clinical signs. Ideally based on culture (TTA or BAL)
	Secondary bacterial rhinitis	Amoxyclav	Always try resolve underlying cause
	Infectious tracheitis	None (Doxycycline)	Often self-limiting, treat only if lower airways involved or if pyrexia
	Pyothorax	Amoxyclav	Ideally based on culture
Gastrointestinal	Acute diarrhoea with blood	None	If bacteria are involved the infection is normally self limiting
	Suspected giardiasis	Fenbedazole	50mg/kg po SID for 5 days
	Haemorrhagic gastroenteritis	Amoxyclav and metro	Only if showing systemic signs of sepsis
	Cholangitis/cholangiohepatitis	Amoxyclav	
	Anal gland abscess	Cephalosporin	
Urogenital	Bacterial ystitis	Amoxyclav, Cephalosporin or Trimethoprim Sufa (dogs)	For 10 - 14 days. On second presentation, must be cultured
	Pyelonephritis	Amoxyclav or Enrofloxacin	Ideally based on culture. Use for 4 - 6 weeks
	Prostatitis	Trimethoprim Sulfa or Enrofloxacin	Ideally based on culture. Use for 4 weeks but test tear production weekly if using Trimethoprim Sulfa.
	Mastitis	Amoxyclav	for 7 - 10 days
Skin infections	Bites and traumatic wounds	Amoxyclav or Cephalosporin	Can add in Metronidazole or Enrofloxacin if severe
	Pyoderma	Topical chlorhexidine +- fusidic acid (+- cephalosporin)	Use topical for superficial. If deep then do culture due to possible resistance and prolonged therapeutic course. Use high dose to penetrate skin at adequate concentration
Ear infections	Otitis externa	Treat underlying cause first. Polymixin B and Miconazole	Ideally base on cytology/culture and sensitivity
Eye infections	Conjunctivitis	Topical fusidic acid	Always treat underlying cause
	Ulcerative conjunctivitis	Chloramphenical drops	
	Chlamydia (cat)	Doxycycline for 21 - 28 days	
Orthopaedic	Discospondylitis	Amoxyclav	If not able to obtain sample for culture
	Oseteomyelitis	Based on culture	Should be based on blood culture results. Treat for >6 weeks
	Septic arthritis	Amoxyclav	Must be cultured
Cardiac	Endocarditis		Must be based on blood culture. Use Amoxyclav until results obtained.