



Birds

Wildlife Drug Dosage Chart



Anaesthetics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Isoflurane		100%	5% induction 2% maintenance	n/a	n/a	2L oxygen flow per minute
Propofol	IV	10mg/ml	10mg/kg	1ml/kg	Once	Required for pelicans for induction. Can then intubate & maintain on 2% isoflurane
Analgesics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Meloxicam injectable	IM	5mg/ml	1mg/kg	0.2ml/kg	BID	Patient must be hydrated
Meloxicam oral	PO	1.5mg/ml	1mg/kg	0.67ml/kg	BID	Patient must be hydrated
Butorphanol	IM	10mg/ml	3mg/kg	0.3ml/kg	BID-TID	
Tramadol injectable	IM	50mg/ml	7.5mg/kg	0.15ml/kg	BID-TID	Can cause nausea, use with discretion
Tramadol oral	PO	100mg/ml	7.5mg/kg	0.075ml/kg	BID-TID	Can cause nausea, use with discretion
Euthanasia						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Pentobarbitone	IV	162mg/ml	162mg/kg	1ml/kg	Once	Diluted 50:50 with water. Ok to administer IM if already under GA.
Antibiotics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Amoxicillin Clavulanic Acid Oral	PO	62.5mg/ml	125mg/kg	2ml/kg	BID	
Amoxicillin Clavulanic Acid Injectable	IM	175mg/ml	125mg/kg	0.7ml/kg	BID	
Amoxicillin Clavulanic Acid Tablet	PO	50mg/tab	125mg/kg	2.5tab/kg	BID	Round up to nearest ¼ tablet

Reptiles

Anaesthetics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Alfaxalone	IV	10mg/ml	10mg/kg	1ml/kg	Once	With isoflurane maintenance. Prone to long GA recovery; avoid unless necessary/for euthanasia
Zolazepam/Tiletamine	IV	100mg/ml	3mg/kg	0.03ml/kg	Once	Primarily used for sedation before euthanasia
Analgesics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Meloxicam injectable	IM	5mg/ml	0.2mg/kg	0.04ml/kg	Q48h	
Metadone	IM	10mg/ml	3-5mg/kg	0.3-0.5ml/kg	SID	
Euthanasia						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Pentobarbitone	IV	325mg/ml	325mg/kg	1ml/kg	Once	Sedate with Alfaxalone or Zolazepam/Tiletamine initially.
Zolazepam/Tiletamine	IV/IC	100mg/ml	20mg/kg	0.2ml/kg	Once	
Antibiotics						
Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Ceftazadime	IM	100mg/ml	20mg/kg	0.2ml/kg	Q72h	Reconstitute with 8.9ml (1g) of sterile water



Scan the QR code to find more detailed information on dose rates, species-specific information, injection sites, instructional videos, and more!





Wildlife Drug Dosage Chart

Mammals



Anaesthetics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Isoflurane		100%	5% induction 2% maintenance	n/a	n/a	Induction only if no injectable sedative given
Alfaxalone	IM	10mg/ml	3mg/kg	0.3ml/kg	Once	Koalas
Zolazepam/Tiletamine	IM	100mg/ml	10mg/kg	0.1ml/kg	Once	Macropods

Analgesics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Meloxicam Injectable	SC	5mg/ml	0.1mg/kg	0.02ml/kg	SID	Initial loading dose of 0.2mg/kg (vol = 0.04ml/kg) Avoid in koalas & possums – see QR code
Meloxicam Oral	PO	1.5mg/ml	0.1mg/kg	0.07ml/kg	SID	Initial loading dose of 0.2mg/kg (vol = 0.13ml/kg) Avoid in koalas & possums – see QR code
Carprofen	SC	50mg/ml	4mg/kg	0.08ml/kg	SID	Marsupials
Tramadol Injectable	IM/SC	50mg/ml	2.5mg/kg	0.05ml/kg	TID	
Tramadol Oral	PO	100mg/ml	2.5mg/kg	0.025ml/kg	TID	Avoid in koalas – see QR code
Paracetamol	PO	100mg/ml	15mg/kg	0.15ml/kg	Q4-6h	Preference for koalas, possums & joeys
Buprenorphine	IM or SC	300µg/ml	0.01mg/kg	0.03ml/kg	BID- TID	Not for head injury patients

Euthanasia

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Pentobarbitone	IV/IC	325mg/ml	162mg/kg	0.5ml/kg	Once	

Antibiotics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Amoxicillin Clavulanic Acid Oral	PO	62.5mg/ml	12.5mg/kg	0.2ml/kg	BID	These antibiotics are NOT suitable for koalas or ringtail possums. See QR code for details.
Amoxicillin Clavulanic Acid Injectable	IM	175mg/ml	12.5mg/kg	0.07ml/kg	SID	These antibiotics are NOT suitable for koalas. See QR code for details.

Frogs

Anaesthetics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
See QR code for anesthetic information						

Analgesics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Meloxicam Oral	Topical	1.5mg/ml	0.2mg/kg	0.13ml/kg	Q48h	Reduce to 0.1mg/kg after initial dose (volume 0.07ml/kg)
Butorphanol	IM	10mg/ml	0.3mg/kg	0.03ml/kg	SID	

Euthanasia

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Pentobarbitone	Topical	325mg/ml	Dilute 1:100 with tap water.		Once	Place dilution in container to approximately elbow level of frog.

Antibiotics

Drug	Route	Strength	Dose Rate	Volume	Freq	Notes
Enrofloxacin Oral	Topical PO	25mg/ml	10mg/kg	0.4ml/kg	SID	



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