

Parvo Treatment Essentials

The Essentials are those which are most important to prevent sepsis and dehydration, the two most common causes of death from parvovirus.



Medication	Type of Drug	Routes	Dosage/Weight	Frequency	Storage	Administration and Special Notes	Duration	Indication
Baytril (Enrofloxacin) 100mg/mL	Antibiotic	SQ diluted	0.05mL/lb	SID	Room Temp	Warning: Always dilute by at least 1:20. Otherwise, painful skin necrosis and abscess will result. Warning: If given IV, will cause seizures and death. Large animal concentration used to save on cost.	Until eating well	V/D, anorexia
Polyflex (Ampicillin) [200mg/mL]	Antibiotic	SQ	0.05mL/lb	BID	Refrigerate	Shake/mix well before each use. Stings when administered. Warning: Will kill if given IV. New bottle: 25 gram bottle is diluted by 104.5 mL sterile water to make 125mL at 200mg/ml	Until eating well	V/D, anorexia
Penicillin G [300,000Units/mL]	Antibiotic	SQ	0.1mL/lb	BID	Refrigerate	Shake/mix well before each use. Stings when administered. Warning: Will kill if given IV. <i>Substitute for Polyflex when unavailable</i>	Until eating well	V/D/, anorexia
Reglan (Metoclopramide) [5mg/mL]	Antiemetic, Prokinetic	SQ or IV	0.05mL/lb	BID	Room Temp, Dark Cabinet	Light sensitive. Cheapest but least effective antiemetic. Added to fluid bag for IV patients.	Until eating well	anorexia, V
Lactated Ringers (LRS)	Fluids	SQ or IV	10mL/lb	BID-TID	Room Temp	Expires 7 days after opening. Always read notes written on bag and write date opened.	Until eating or post V/D	dehydration
Ampicillin -or- Cefazolin [250mg/mL]	Antibiotic	IV	0.04mL/lb	BID-TID	Refrigerate	Give slowly over 3 minutes, or will cause nausea, vomiting. New bottle: add 4cc of sterile water per gram.	Until eating	V/D
Cerenia (Maropitant) [10mg/ml]	Antiemetic, some Analgesia	SQ or IV	0.04mL/lb	SID-BID	Refrigerate	Strongest antiemetic available. Stings when given SQ.	post vomit	vomiting
Dextrose 50%	Glucose (Energy)	IV, PO	0.2mL/lb	PRN	Refrigerator	Given to smaller patients. Warning: Will cause abscesses, skin necrosis and sloughing if given SQ. Making Bag: Add 100mL Dextrose to 1L bag for 5% bag.	Until eating/swallowing	Hypoglycemia, smaller dogs
Pyrantel [50mg/ml] (Strongid)	Dewormer	PO	0.1ml/lb	SID	Room Temp	Treats hookworms, round worms, but not whipworms. Tastes like bananas or vanilla! Shake well.	Once, repeat in 2 weeks	On intake
IV Fluid Cocktail Bag	Fluids, Reglan, +/- dextrose, +/- KCL	IV	1-3mL/lb/hr	CRI	Cover with bag covers	Default: add 3mL Reglan to 1L LRS bag Patients <5lbs: add 5% Dextrose to bag Other: check Blood Glucose daily and add Dextrose as needed. KCL: Add 16mEq to 1L bag per DVM if hypokalemia suspected after 2-3 days on IVF.	Until eating	<5lbs, moderate to excessive V/D

Other Oral Meds

Medication	Type of Drug	Dosage/Weight	Frequency	Storage	Administration and Special Notes	Duration	Indication
Sucralfate (Carafate)	Upper GI Protectant	25 mg/lb	BID-TID	Room Temp	Dissolve in 2-5cc of water to make slurry. Coats GI ulcers (like a bandage). Give 20-30 minutes prior to feeding (on empty stomach)	Post vomit	Excessive vomit of bile or blood
Tramadol	Analgesic	2.5 mg/lb	BID-TID	Room Temp	For patients with abscesses, injuries, or unknown source of pain	Post-pain	Pain
Ponazuril (Marquis Paste)	Dewormer	0.1 mL/lb	SID	Room Temp	Treats Coccidia, which may appear as a grainy yellow diarrhea	5 days	Coccidia
Panacur [100mg/ml]	Dewormer	0.2 ml/lb	SID	Room Temp	Treats roundworms, hookworms, whip worms, and giardia. Soothing on stomach. Shake well.	3-5 days	Heavy worm burden
Praziquantel [75mg/mL]	Dewormer	0.045mL/lb 0.03mL/lb (>15#)	SID	Room Temp	Treats tapeworms. Shake well.	1-2 days	
Pepcid (Famotidine)	Antacid	0.5 mg/lb	SID-BID	Room Temp	Treat ulcers. Given when patient is improving but still not eating, regurgitating or vomiting occasionally	Post vomit	Anorexia, /Regurgitating
Prilosec (Omeprazole)	Antacid	DVM discretion	SID	Room Temp	Treat ulcers and esophagitis from vomiting. When dog is improving but still anorexic, regurgitating or vomiting	Post vomit	Anorexia, Regurgitating
Metronidazole 250mg	Antibiotic	22 mg/lb	SID	Room Temp	Helps solidify stool if diarrhea due to bacterial (clostridial) overgrowth or certain parasites such as Giardia.	5-7 days	Diarrhea not resolving
Doxycycline 100mg	Antibiotic	5 mg/lb	SID	Room Temp	Used for URIs not responding to Baytril. Very important to finish course of treatment.	7-14 days	Difficult URIs
Azithromycin	Antibiotic	5 mg/lb	SID	Room Temp	Used (rarely) for URIs when doxycycline is not effective	5-10 days	Incredibly difficult URIs
Benadryl 25mg	Antihistamine	1mg/lb	BID-TID	Room Temp	Used for allergic reactions or itchiness due to mange	PRN	Itching

Other IV/SQs

Medication	Type of Drug	Route	Dosage/Weight	Frequency	Storage	Administration and Special Notes	Duration	Indication
Anzemet [20mg/ml]	Antiemetic	IV/SQ	0.02ml/lb	SID/BID	Room Temp, Dark Cabinet	Stronger than Reglan and Ondansetron. Medication is light sensitive.	Post vomiting	Vomiting
Ondansetron [2mg/ml]	Antiemetic	IV/SQ	0.05mL/lb	BID/TID	Room Temp	Stronger (and more expensive) than Reglan. Used as rescue antiemetic when still vomiting on Cerenia.	post vomit	Vomiting while on cerenia
Heparin	Anticoagulant	IV	N/A	BID	Room Temp	Making Flush: Mix 1cc in 1 Liter of NaCl/LRS. OR draw up miniscule amount in 3cc syringe and push drug back into vile to only coat the syringe. Use about 0.5- 1cc to flush IVC before and after treatment. Warning: overdose can cause internal bleeding	N/A	Catheter maintenance, clot prevention
Hetastarch	Colloid fluid; Plasma volume expander	IV	4-10mL/lb per day	Per DVM	Room Temp	Given over 15-30 minutes. Warning: Overdose can cause fluid overload, leaky vessels, fluid in the lungs, and internal bleeding.	Per DVM	Bloody or serum-like diarrhea, low protein
Famotidine	Antacid	IV/SQ	0.04mL/lb	SID-BID	Refrigerate	Treats/prevents ulcers, GI reflux	Post vomit	Excessive bile or blood vomit
KCL	Electrolyte	IV dilute	In CRI	CRI	Room Temp	Added to LRS under DVM discretion Warning: KCL will kill if injected IV directly. See "KCL Protocol" on wiki before adding to bag.	Until eating	Per DVM
Diphenhydramine [50mg/ml]	Antihistamine	SQ/IM/IV	Per DVM	SQ/IM	Room Temp, Dark Cabinet	Brand name is Benadryl	PRN	Itching, allergic rxn