



NPVC

Treatment

Protocol



<u>Condition/Signs</u>	<u>Antibiotic/Drug</u>	<u>Dose & Route</u>	<u>Length of Treatment</u>	<u>Milk Withdrawal (hrs)</u>	<u>Meat Withdrawal (days)</u>	<u>Comments</u>
Mild Mastitis <i>Temp <102</i> <i>No swelling</i>	Pirsue	1 Tube/Intramammary	1X daily for 2 days	36	9	Gram +
	or Pirsue	1 Tube/Intramammary	1X daily for 3-8 days	36	21	Extended therapy requires 21 day
	or Spectramast LC	1 Tube/Intramammary	1X daily for 3-8 days	72	2	Gram +/Gram -
	or Today	1 Tube/Intramammary	Repeat 12 hours	96	4	Gram +
	or Hetacin K	1 Tube/Intramammary	Repeat 24 hrs for 3 tx	72	10	Gram +/Gram -
Moderate Mastitis <i>Temp >102</i> <i>Mild swelling</i>	Intramammary treatments listed above with:					
	Banamine and	20 cc /IV	Once	36	4	IV only
	Polyflex 250mg or Oxytetracycline	2ml/100 lbs IM 80-100cc IV	Once daily for 3-7 days Daily for 3 days	48 96	6 22	Reconstitute w/ 79cc sterile water
Severe Mastitis <i>Quarter swollen</i> <i>Cow Sick</i> <i>Temp >102</i> <i>Milk watery</i>	Same as for moderate mastitis along with:					
	Hypertonic saline	1-2 liters/IV	Once	0	0	Cow should have access to water
	Oral fluids Dexamethasone	5-10 gallons/Oral 10cc IV or IM	Once Once	0 0	0 0	Not for use in pregnant cows. Will cause Abortion
Retained Placenta <i>Cow not ill</i>	Oxytocin	2cc/IM	Every 4 hours	0	0	Give within first 24 hours
	Estrumate	2cc/IM	Every other day	0	0	Give until clean
Retained Placenta <i>Cow sick</i>	Excede	1.5cc per 100#/SQ Ear Base	Repeat 72 hours	0	13	Give only in base of ear
	or Polyflex 250 mg	2cc/100lbs IM	1X Daily for 3-7 days	48	6	Reconstitute w/ 79cc sterile water
	or Oxytetracycline 100 mg	80cc/IV	1X Daily for 1-3 days	96	22	
	or Long Acting Tetracycline	4.5cc/100 lbs SQ	Repeat 72hrs. If needed	96	28	Max 15cc per site
Metritis <i>Temp >103</i> <i>Odorous discharge</i>	Excenel EZ	2cc/100 lbs IM or SQ	1X Daily for 5 days	0	4	Shake well before use 15cc per site
	or Polyflex 250 mg	2cc/100 lbs. IM	1X Daily for 3-7 days	48	6	Reconstitute w/ 79cc sterile water

	or LA 200	4.5cc/100 lbs. SQ	Repeat 72 hrs. if needed	96	28	Max 15cc per site
Pneumonia-Cow <i>Temp>103</i> <i>Labored breathing</i>	Excede or Polyflex 250 mg or LA 200 and Banamine	1.5cc per 100#/SQ Ear Base 25cc /IM 4.5cc/cwt/SQ 20cc/IV	Once 1X Daily for 3 days Repeat 72 hr if needed Once	0 48 96 36	13 6 28 4	Give only in base of ear Reconstitute w/79cc sterile water Max of 15cc per injection site Give IV only
Pneumonia-Heifer <i>< 20 Months old</i> <i>Temp >103</i> <i>Labored breathing</i>	Draxxin or Nuflo Gold or Resflor Gold or Baytril 100 or A180/Advocin or Zactran or Excede or Zuprevo and Banamine	1.1cc/cwt/SQ 6cc/cwt/SQ 6cc/cwt/SQ 3.5-5.5cc/cwt/SQ 1.5cc/cwt/SQ 2cc/110#/SQ 1.5cc/cwt/SQ Ear 1cc/cwt/SQ 1cc/cwt/IV	Once Once Once Repeat in 48 hrs Once Once Once Once	N/A N/A N/A N/A N/A N/A N/A N/A	18 44 38 28 4 35 13 21 4	 Max of 15 cc per injection site Nuflo & Banamine Max of 15 cc per injection site Max of 15 cc per injection site Give only at base of ear Max of 10 cc per injection site Give IV only
Mild Ketosis <i>Off feed</i> <i>Low milk</i> <i>Pink stick</i>	Propylene Glycol	6-8 oz/Oral	Once Daily	0	0	
Severe Ketosis <i>Off feed</i> <i>Low milk</i> <i>Nervous</i> <i>Purple stick</i>	Dextrose and Vitamin B12 and/or Predef 2X and Drench	250-500cc/IV 10cc/IM/IV 10cc/IM 5 gallon orally	Once daily as needed Once daily Repeat 48 hrs if needed Repeat daily if needed	0 0 0 0	0 0 7 0	 YMCP or AgriDrench
Diarrhea:Cows <i>ifTemp >103</i>	Kaopectate and Hypertonic Saline and Polyflex 250 mg	1 Gallon/Oral 1-2 Liter/IV 2cc/100 lbs IM	Daily as needed Once 1X Day for 3-7 days	0 0 48	0 0 6	 Have access to water/Drench stomach if cow not drinking Reconstitute w/79cc sterile water
Foot Rot <i>Swollen above hoof</i> <i>Lame</i>	Excenel EZ or LA 200 or	1-2cc/cwt/SQ 4.5cc/cwt/SQ	1X Day for 3 days Repeat 72 hrs if needed	0 96	4 28	 Max of 15cc per injection site

	Koppertox	Topically	Once Daily	0	0	
Pinkeye <i>Tearing</i> <i>Squinting</i>	LA 200	4.5cc/cwt/SQ	Repeat 72 hrs if needed	96	28	Max of 15cc per injection site
Abomasal ulcer <i>Dark manure</i> <i>Off feed</i>	Kaopectate and Polyflex 250mg and/or Hypertonic Saline	1 Gallon/Orally 2cc/100 lbs IM 1-2 Liter/IV	Once daily as needed Once daily for 3-7 days Once daily as needed	0 48 0	0 6 0	 Reconstitute w/ 79cc sterile water Have access to water/Drench stomach if cow not drinking
Clostridia/HBS <i>Dark stiff manure</i> <i>Off feed</i> <i>Distended abdomen</i> <i>Down</i>	Penicillin and Hypertonic Saline and Banamine and Oral Water	20cc/IM 1-2 Liter/IV 20cc/IV 10 Gallon/Orally	Twice daily as needed Once daily as needed Once daily as needed Daily	120/Test 0 36 0	21 0 4 0	Max of 10 cc per injection site Have access to water IV only
Hardware Disease <i>Arched back</i> <i>Off feed</i> <i>Low grade fever</i>	Magnet and Polyflex 250mg	1/Orally 2cc/100 lbs IM	Once Once daily for 3 days	0 48	0 6	 Reconstitue w/ 79cc of sterile water
Milk Fever <i>Weak /Down</i> <i>Cold</i>	Calcium Borogluconate and/or CMPK	500cc/IV/SQ 500cc/IV	Once Once	0 0	0 0	Can repeat in 6-8 hours Typically used if treatment repeated
Udder Edema	Predef 2X or Furosemide	10cc/IM 10cc/IM/IV	Repeat 48 hrs if needed	0 48	7 2	
Naval Infection <i>Swollen naval</i> <i>Off feed</i> <i>Temp >103</i>	Polyflex 250mg or Nuflor Gold	2cc/cwt/IM 6cc/cwt/SQ	1X Daily for 10-14 days Once every 5 days	N/A N/A	6 44	Reconstitue w/ 79cc of sterile water Max of 15cc per injection site
Polioencephalomalacia <i>Appear blind</i>	Thiamine and Dexamethasone	1000mg/cwt/IM 1cc/cwt/IM	2X daily for 5-7 days Once	0 0	0 0	 Will cause abortion
Anaphylatic Reaction <i>Hives</i> <i>Swollen face</i> <i>Trouble breathing</i>	Epinephrine 1:1000 Dexamethasone	1cc/cwt/IM/IV 10-20cc IV or IM	Once	0 0	0 0	 Not for use in pregnant cows Will cause abortion

Calf Scours <i>Loose manure only</i> <i>Appetite good</i>	Electrolytes	2 QT orally	1-2 days as needed	0	0	
Calf Scours <i>Loose manure</i> <i>Decreased appetite</i> <i>Temp >102</i>	Electrolytes and	2 Qt Orally	1-2 days as needed	0	0	Tube if necessary
	Clavamox Tabs 250mg or	2 tabs twice a day	3 days	NA	30	Not for calves intended for veal
	Polyflex or	2cc/100 lbs	1x daily for 3-7 days	NA	6	
	SMZ Tabs	1 tab 2x/day	3 days	NA	31	Not for calves intended for veal
Calf Scours <i>Watery manure</i> <i>No appetite</i> <i>Dehydrated</i>	IV Fluids-Phys Saline or Lactated Ringers and	1-2 Liters IV		0	0	
	Clavamox Tabs 250 mg or	2 tabs twice a day	3 days	NA	30	Not for calves intended for veal
	Polyflex or	2cc/100 lbs	1x daily for 3-7 days	NA	6	
	SMZ Tabs	1 tab 2x/day	3 days	NA	31	Not for calves intended for veal