

Table S1: Listing of analgesics and/or components of oral drench in 169 animals submitted to abomasal rolling for treatment of left displacement of the abomasum at the Clinic for Ruminants with Ambulatory and Herd Health Services from 2009 to 2019. Due to the retrospective nature of the manuscript, animals were treated differently within the study population. Number of animals is abbreviated as Animal.

Animal	Analgesic treatment	Oral Drench
1	- None	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl
2	- Flunixin meglumine	- None
3	- Ketoprofen	- None
4	- Metamizole	- None
5	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - Ca
6	- Meloxicam	- None
7	- Flunixin meglumine - Metamizol	- Propylene glycol - Vitamin E/Selenium - KCl
8	- Meloxicam	- None
9	- Meloxicam - Melosolute	- None
10	- None	- Sodium sulfate - Vitamin E/Selenium - KCl - Ca
11	- Ketoprofen	- Propylene glycol - KCl - Ca
12	- Flunixin meglumine - Metamizole	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
13	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
14	- Metamizole	- None
15	- Flunixin meglumine - Metamizol	-
16	- Ketoprofen	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
17	- Meloxicam	- KCl
18	- Meloxicam	- None
19	- Ketoprofen	- None
20	- Ketoprofen	- None
21	- Metamizole	- None
22	- Flunixin meglumine - Metamizole	- None

Animal	Analgesic treatment	Oral Drench
23	- Ketoprofen	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl - Ca
24	- Meloxicam	- None
25	- Flunixin meglumine	- None
26	- Meloxicam	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
27	- Meloxicam	- None
28	- Flunixin meglumine	- None
29	- Flunixin meglumine - Metamizole	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl
30	- Meloxicam	- None
31	- Flunixin meglumine	- None
32	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - NadPh
33	- Meloxicam	- None
34	- Ketoprofen	- Propylene glycol - KCl - Ca
35	- Meloxicam	- KCl - NaCl
36	- Flunixin meglumine	- Sodium Sulfate - Vitamin E/Selenium - KCl
37	- Ketoprofen - Metamizole	- Sodium Sulfate - Vitamin E/Selenium - KCl - Ca - NaCl
38	- None	- None
39	- Meloxicam	- Propylene glycol - KCl - Ca
40	- Ketoprofen	- Propylene glycol - Vitamin E/Selenium - NadPh
41	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl
42	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca

Animal	Analgesic treatment	Oral Drench
43	- Flunixinine meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl
44	- Flunixinine meglumine - Metamizole	- Proylene glycol - Vitamin E/Selenium - KCl
45	- Dexamethasone	- Propylene glycol - KCl
46	- Ketoprofen	- None
47	- Ketoprofen	- None
48	- Flunixinine meglumine	- Propylene glycol - Vitamin E/Selenium - KCl
49	- Ketoprofen	- Propylene glycol - Vitamin E/Selenium - NaCl - NaBic
50	- Ketoprofen	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
51	- Flunixinine meglumine	- Propylene glycol - KCl - Ca
52	- Flunixinine meglumine	- Vitamin E/Selenium - KCl - NadPh
53	- Flunixinine meglumine	- Vitamin E/Selenium - KCl
54	- Ketoprofen	- Propylene glycol - Sodium Sulfate - KCl - Ca - NaBic
55	- Ketoprofen	- Sodium Sulfate - Vitamin E/Selenium - KCl - Ca
56	- Flunixinine meglumine	- None
57	- None	- Propylene glycol - Vitamin E/Selenium - NadPh
58	- None	- None
59	- Flunixinine meglumine	- None
60	- Ketoprofen	- Propylene glycole - Sodium Sulfate - Vitamin E/Selenium - KCl - Ca

Animal	Analgesic treatment	Oral Drench
61	- Flunixinine meglumine	- Propylene glycol - Sodium Sulfate - KCl - Ca - NaBic
62	- Flunixinine meglumine	- Sodium Sulfate - KCl - Ca - NaBic
63	- Ketoprofen	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
64	- Flunixinine meglumine	- Vitamin E/Selenium - KCl - Ca
65	- Flunixinine meglumine	- Vitamin E/Selenium - KCl
66	- Flunixinine meglumine	- None
67	- Flunixinine meglumine	- None
68	- Flunixinine meglumine	- Propylene glycol - Vitamin E/Selenium - KCl
69	- Flunixinine meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
70	- Flunixinine meglumine	- Vitamin E/Selenium - KCl - Ca
71	- Ketoprofen	- None
72	- Flunixinine meglumine	- None
73	- Flunixinine meglumine - Metamizole	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
74	- Flunixinine meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium
75	- Flunixinine meglumine	- None
76	- Flunixinine meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl
77	- Meloxicam	- None
78	- None	- None
79	- Ketoprofen	- Propylene glycol - Sodium Sulfate - KCl - Ca
80	- Ketoprofen	- None

Animal	Analgesic treatment	Oral Drench
81	- Flunixin meglumine	- None
82	- Flunixin meglumine	- Sodium Sulfate - Vitamin E/Selenium - KCl
83	- Flunixin meglumine	- None
84	- None	- None
85	- Flunixin meglumine	- Sodium Sulfate - Vitamin E/Selenium - KCl
86	- Flunixin meglumine	- Vitamin E/Selenium - NadPh
87	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - NadPh
88	- Flunixin meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl - NadPh
89	- Ketoprofen	- None
90	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl
91	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
92	- Meloxicam	- None
93	- None	- Vitamin E/Selenium - KCl - Ca
94	- Flunixin meglumine	- None
95	- Ketoprofen	- Vitamin E/Selenium - Ca
95	- None	- None
97	- Ketoprofen	- None
98	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
99	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - NaBic - MgO
100	- None	- Vitamin E/Selenium - KCl - Ca
101	- Ketoprofen	- None
102	- None	- None

Animal	Analgesic treatment	Oral Drench
103	- Ketoprofen	- None
104	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
105	- Meloxicam	- None
106	- Ketoprofen	- None
107	- Ketoprofen	- None
108	- Ketoprofen	- Sodium Sulfate - Vitamin E/Selenium - KCl
109	- Flunixin meglumine	- Vitamin E/Selenium - KCl - Ca
110	- Flunixin meglumine	- Propylene glycol - KCl - Ca
112	- Flunixin meglumine	- None
112	- Flunixin meglumine	- None
113	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
114	- None	- None
115	- Flunixin meglumine	- None
116	- Meloxicam	- None
117	- Flunixin meglumine	- Propylene glycol - Vitamin E/Selenium - KCl
118	- Meloxicam	- None
119	- Ketoprofen	- None
120	- Meloxicam	- None
121	- Meloxicam	- None
122	- Flunixin meglumine	- None
123	- Flunixin meglumine	- None
124	- Flunixin meglumine	- None
125	- Ketoprofen	- None
126	- Flunixin meglumine	- None
127	- Meloxicam	- None
128	- Flunixin meglumine	- None
129	- None	- None
130	- Ketoprofen	- None
131	- Flunixin meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl - Ca
132	- Meloxicam	- None
133	- Flunixin meglumine	- Vitamin E/Selenium - KCl

Animal	Analgesic treatment	Oral Drench
134	- Ketoprofen	- None
135	- Meloxicam	- Vitamin E/Selenium - Ca
136	- Ketoprofen	- None
137	- Flunixin meglumine	- None
138	- Flunixin meglumine	- None
139	- None	- None
140	- Meloxicam	- None
141	- Flunixin meglumine	- None
142	- None	- None
143	- Ketoprofen	- None
144	- Flunixin meglumine	- None
145	- Flunixin meglumine	- None
146	- None	- Propylene glycol - Vitamin E/Selenium - KCl - Ca
147	- None	- None
148	- Ketoprofen	- None
149	- None	- None
150	- None	- None
151	- None	- None
152	- Flunixin meglumine	- None
153	- Ketoprofen	- None
154	- Flunixin meglumine	- Propylene glycol - Sodium Sulfate - Vitamin E/Selenium - KCl
155	- Ketoprofen	- None
154	- None	- None
157	- Flunixin meglumine	- None
158	- None	- None
159	- Flunixin meglumine	- None
160	- None	- None
161	- Ketoprofen	- None
162	- Ketoprofen	- None
163	- Flunixin meglumine	- None
164	- Flunixin meglumine	- None
165	- Ketoprofen	- None
166	- None	- None
167	- None	- None
168	- Flunixin meglumine	- None
169	- None	- None