

CORRECTION

Correction: Comparison of Active Drug Concentrations in the Pulmonary Epithelial Lining Fluid and Interstitial Fluid of Calves Injected with Enrofloxacin, Florfenicol, Ceftiofur, or Tulathromycin

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There are errors in the values in the “PELF” column, sub-column “Mean” for rows “AUC (0 to infinity)” and “AUC (0 to Cn).” Please see the corrected [Table 7](#) here.



 OPEN ACCESS

Citation: Foster DM, Martin LG, Papich MG (2016) Correction: Comparison of Active Drug Concentrations in the Pulmonary Epithelial Lining Fluid and Interstitial Fluid of Calves Injected with Enrofloxacin, Florfenicol, Ceftiofur, or Tulathromycin. PLoS ONE 11(7): e0159219. doi:10.1371/journal.pone.0159219

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Table 7. Plasma, Interstitial Fluid (ISF), and Pulmonary Epithelial Lining Fluid (PELF) Pharmacokinetics after Administration of 2.5 mg/kg of Tula-thromycin to Calves.

Parameter	Units	Plasma		ISF		PELF	
		Mean	CV%	Mean	CV%	Mean	CV%
AUC % extrapolated	%	8.25	37.96	15.88	86.29	24.9	54.1
AUC (0 to infinity)	hr* $\mu\text{g}/\text{mL}$	14.48	28.61	8.60	7.50	119.90	27.6
AUC (0 to Cn)	hr* $\mu\text{g}/\text{mL}$	13.23	26.62	5.54	39.75	87.64	21.7
Cmax	$\mu\text{g}/\text{mL}$	1.82	82.28	0.042	50.73	0.87	29.5
Ke T $\frac{1}{2}$	hr	81.24	38.27	65.88	73.52	153.1	52.5
Ke	1/hr	0.01	51.71	0.01	59.13	0.0	45.3
MRT	hr	101.33	14.53	171.46	35.69	220.7	42.7
Tmax	hr	0.54	45.38	168.00	52.68	15.0	65.7
Tissue Penetration	%			44	51.93	910	44.6

AUC, Area-under-the-curve, from zero to the last time point (Cn), and from 0 to infinity; AUC % extrapolated is the percent extrapolated to infinity. Cmax, peak (maximum) concentration; Tmax, time to peak concentration; Penetration factor, ratio of AUC values of tissue site: plasma; Ke, elimination (terminal) rate, and associated half-life, T $\frac{1}{2}$; MRT, mean residence time.

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Reference

1. Foster DM, Martin LG, Papich MG (2016) Comparison of Active Drug Concentrations in the Pulmonary Epithelial Lining Fluid and Interstitial Fluid of Calves Injected with Enrofloxacin, Florfenicol, Ceftiofur, or Tulathromycin. PLoS ONE 11(2): e0149100. doi:[10.1371/journal.pone.0149100](https://doi.org/10.1371/journal.pone.0149100) PMID: [26872361](https://pubmed.ncbi.nlm.nih.gov/26872361/)