

Categorization of Antimicrobial Drugs Based on Importance in Human Medicine*

(ANTIMICROBIAL DRUGS WITH BOVINE INDICATIONS)

CATEGORY 1	IMPORTANCE		VERY HIGH
1.2	Cephalosporins 3rd-4th generations	Ceftiofur	Ceftiocyl®
			Ceftiofur sodium for injection
			Cevaxel® RTU Sterile Suspension
			Eficur®
			Excede® Sterile Suspension
			Excenel® Sterile Powder
			Excenel® RTU Sterile Suspension
			Spectramast® DC
1.3	Fluoroquinolones	Danofloxacin	A-180®
		Enrofloxacin	Baytril® 100
		Marbofloxacin	Forcyl®
1.12	Polymyxins	Polymyxin B	Special Formula 17900-Forte® Suspension
CATEGORY 2	IMPORTANCE		HIGH
2.1	Aminoglycosides except topical agents	Gentamicin	Gentocin® Injectable Solution
		Neomycin	Neo-Chlor®
			Neo-sulfalyte® Boluses <i>and other similar products</i>
2.2	Cephalosporins 1st-2nd generations	Cephapirin	Cefa-Dri®
			Cefa-Lak®
			Metricure®
2.4	Lincosamides	Pirlimycin	Pirsue® Sterile Solution
2.5	Macrolides	Gamithromycin	Zactran® Injectable Solution
		Tildipirosin	Zuprevo®
		Tilmicosin	Micotil®; Hymatil™; TilcoMed®
		Tulathromycin	Draxxin® Injectable Solution Lydaxx®; Tulamaxx; Tulaven™
		Tylosin	Tylan® 200
2.6	Penicillins	Ampicillin	Polyflex®
		Cloxacillin	Dry-Clox®
		Penicillin	NovoDry® Plus Suspension
			Depocillin®
			Duplocillin® LA
			Procillin™ <i>and other similar products</i>
2.9	Trimethoprim/ sulfamethoxazole	Trimethoprim/ sulfadoxine	Borgal®
			Trimidox
			<i>and other similar products</i>
CATEGORY 3	IMPORTANCE		MEDIUM
3.6	Phenicols	Florfenicol	Florkem®
			Nuflor®
			Resflor®
			Zeleris®
			Fenicyl™
3.7	Sulphonamides	Sulfamethazine, Sulfamerazine, Sulfathiazole	CalfSpan™ Tablets
			Sulfamethazine Bolus
			<i>and other similar products</i>
3.8	Tetracyclines	Tetracyclines	Bio-Mycin® 200
			Kelamycin Intrauterine Suspension
			Liquamycin LA-200®
			Oxy Tetra-A
			Oxyvet® 200 LA <i>and other similar products</i>
CATEGORY 4	IMPORTANCE		LOW
4.2	Ionophores	Lasalocid	Avatec®; Bovatec®
		Monensin	Rumensin®; Coban®; Monensin Premix; Kexxtone™

*Adapted from: http://www.hc-sc.gc.ca/dhp-mps/vet/antimicrob/amr_ram_hum-med-rev-eng.php (accessed February, 2021).