

Captive interspecies commingling studies evaluating transmission of Movi and other pathogens to bighorn sheep

Species commingled (# animals)	Bighorn sheep (died/total)	% death	# of studies	Bacteria
Domestic Sheep (39)	41/43	95%	7	<i>Mannheimia</i> , <i>Bibersteinia trehalosi</i> , <i>Movi</i> , <i>Arcanobacterium</i> , <i>Corynebacterium</i>
<i>Movi</i> -free Domestic sheep (4)	1/4	25%	1	<i>Mannheimia</i> , <i>Bibersteinia trehalosi</i> (@day 90)
Domestic Goat (13)	2/16	12.5%	4	<i>Mannheimia</i>
Horse (3)	1/6	17%	1	<i>Pasteurella (Mannheimia)</i> , <i>Streptococcus</i>
Cattle (6)	1/9	11%	2	<i>Mannheimia</i>

(Foreyt: 1982, 1989, 1990, 1994, 1996, 1998, 2009; Onderka1988; Besser2012&2016)

Death in BHS occurred between 8 days and 3 months