

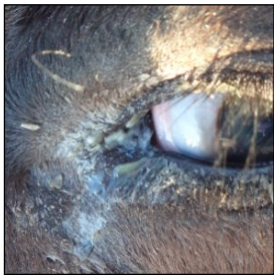


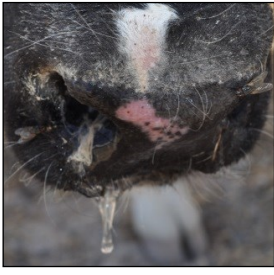



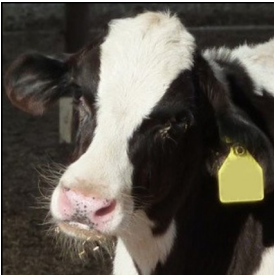
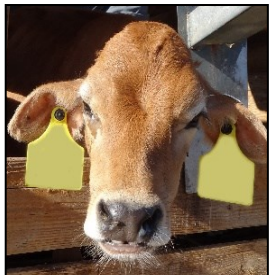
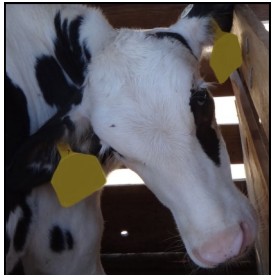


# Bovine respiratory disease scoring system for pre-weaned dairy calves<sup>1,2</sup>

Clinical sign	Score if normal	Score if abnormal (any severity) <sup>2</sup>
Eye discharge	0 	2  Or  Or 
Nasal discharge	0 	4  Or  Or 
Ear droop or Head tilt	0 	5  Or  Or 
Cough	0 No cough	2 Spontaneous cough
Breathing	0 Normal	2 Rapid or difficult breathing
Temperature	0 < 102.5° F	2 ≥ 102.5° F

**Add scores for all clinical signs, if total score is ≥ 5, calf may be positive for bovine respiratory disease**

1: Love WJ, Lehenbauer TW, Kass PH, Van Eenennaam AL, Aly SS. (2014) Development of a novel clinical scoring system for on-farm diagnosis of bovine respiratory disease in pre-weaned dairy calves. PeerJ 2:e238 <https://peerj.com/articles/238>.


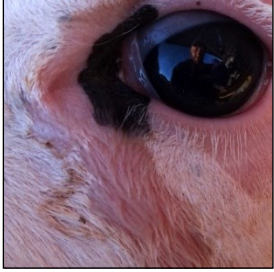

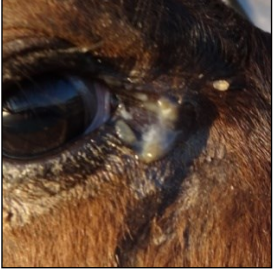


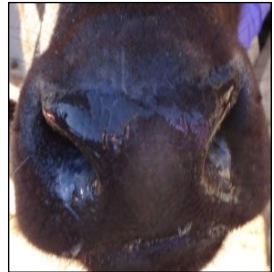



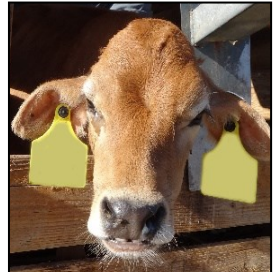
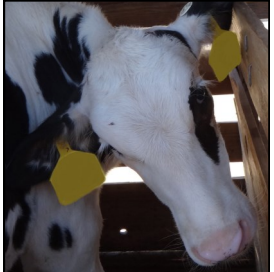
2: Aly SS, Love WJ, Williams DR, Lehenbauer TW, Van Eenennaam AL, Drake C, Kass PH, Farver TB. (2014) Agreement between bovine respiratory disease scoring systems for pre-weaned dairy calves. Animal Health Research Reviews 15: 2 Pages 148-150 [http://journals.cambridge.org/repo\\_A94A1150](http://journals.cambridge.org/repo_A94A1150)

3: Any abnormality including, but not limited to, the examples shown in the above pictures.

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## Sistema de puntuación para enfermedad respiratoria bovina en becerros lecheros pre-destetados<sup>1,2</sup>

Signos Clínicos	Puntuación normal	Puntuación anormal (cualquier gravedad) <sup>2</sup>
Secreción Ocular	0 	2  Or  Or 
Secreción Nasal	0 	4  Or  Or 
Orejas Caídas/ Cabeza Inclinada	0 	5  Or  Or 
Tos	0 Sin tos	2 Tos Espontanea
Respiración	0 Normal	2 Respiración Rapida o Dificil
Temperatura	0 < 102.5° F	2 ≥ 102.5° F

**Añadir los puntajes para todos los signos clínicos, si la puntuación total es  $\geq 5$ , el becerro puede tener enfermedad respiratoria bovina**

1: Love WJ, Lehenbauer TW, Kass PH, Van Eenennaam AL, Aly SS. (2014) Development of a novel clinical scoring system for on-farm diagnosis of bovine respiratory disease in pre-weaned dairy calves. PeerJ 2:e238 <https://peerj.com/articles/238>.

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