Pneumonia in cattle or bovine respiratory disease (BRD), is the leading natural cause of death in U.S. beef and dairy cattle. Control and prevention of BRD is difficult due to the disease's multiple causes and a complex web of interacting risk factors.

The CA BRD scoring system was developed and validated on CA dairies and calf ranches. The system is based on 6 clinical signs and a combined score of 5 or greater indicates that the calf may be a BRD case.

If you have questions or would like training on the CA BRD scoring system please contact us at:

**Dr. Sharif Aly**  
Veterinary Medicine Teaching And Research Center  
University of California - Davis  
Phone: (559) 688-1731 ext. 240  
saly@ucdavis.edu  

**Betsy Karle**  
Area Dairy Advisor- Northern Sacramento Valley  
University of California Cooperative Extension  
Phone: (530) 865-1156  
bmkarle@ucanr.edu

Funding: University of California at Davis Division of Agriculture and Natural Resources (Grant #1753) and the USDA National Institute of Food and Agriculture (Grant #2011-68004-30367)

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**Bovine Respiratory Disease**

UC Davis researchers are working closely with dairy producers on a 4-year study to identify the key risk factors associated with Bovine Respiratory Disease (BRD) in pre-weaned dairy calves. The overall goal of the research is to help producers develop management strategies that decrease the incidence of BRD. The first task was to develop an on-farm scoring system for BRD that is accurate, rapid, reliable, and simple.
### Bovine respiratory disease scoring system for pre-weaned dairy calves

<table>
<thead>
<tr>
<th>Clinical sign</th>
<th>Score if normal</th>
<th>Score if abnormal (any severity)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye discharge</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Nasal discharge</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Ear droop or Head tilt</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Cough</td>
<td>0</td>
<td>No cough</td>
</tr>
<tr>
<td>Breathing</td>
<td>0</td>
<td>Normal</td>
</tr>
<tr>
<td>Temperature</td>
<td>0</td>
<td>&lt; 102.5°F</td>
</tr>
</tbody>
</table>

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

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