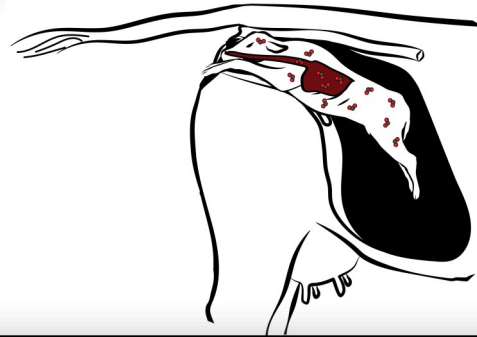



# CALF 911

## RESPIRATORY ACIDOSIS

### CAUSE

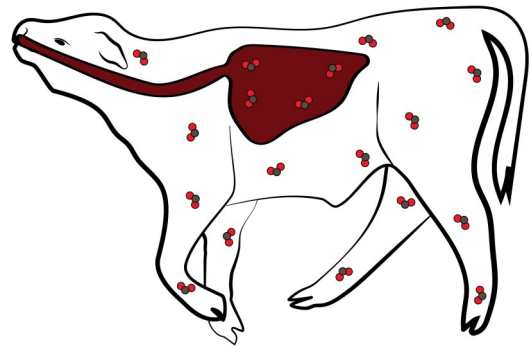
Respiratory acidosis is caused by a **delay** in stage two of the birthing process, in which the calf does not inhale or exhale while stuck in the birth canal.



 = Carbon dioxide (CO<sub>2</sub>)

### EFFECTS

- Gas exchange between mother and calf stops
- The calf's lungs cannot expand
- Oxygen cannot be taken in by the calf
- Carbon dioxide cannot be expired by the calf
- Carbon dioxide builds in the calf's system
- The calf's blood becomes acidic



### SYMPTOMS

- Low VIGOR score
- Staggering
- Weakness
- "Dummy calf"
- Coma

### TREATMENT

- Place in recovery position for quickest return to normal respiration
- Resuscitate with a CPR mask and bag
- Consult with a veterinarian for intravenous electrolyte treatment

