

Disbudding Follow- Up Treatments



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Meet Calf #263

- 3 month old, 150kg, Male Holstein Calf
- BCS 3/5
- ASA Grade 1 (minimal risk; normal healthy animal, no underlying disease)
- He was quiet, alert and responsive (Q.A.R)
- CRT <2 seconds
- TPR: Temperature: **40.4°C**

Pulse: **132 beats/ min**

Respiratory Rate: **124 breaths/ min**





Day of Disbudding Procedure- 25.09.18



Before disbudding



Hot Iron Disbudding



Day 1 Follow- Up Treatment- 26.09.18

- Animal remained quiet, alert and responsive (Q.A.R)
- CRT <2 seconds
- TPR: Temperature: **40.2°C**

Pulse: **124 beats/ min**

Respiratory Rate: **108 breaths/ min**

The elevated TPR values can be due to the animal not feeling well prior to the procedure in combination to the stressful procedure done.





- The calf's disbudding area was sprayed with Tetravet® (a topical antibacterial spray) and a fly repellent.
- No complications were observed.





Day 2 Follow- Up Treatment- 27.09.18

- Animal started to look bright, alert and responsive (B.A.R)
- CRT <2 seconds
- TPR: Temperature: **39.5°C**

Pulse: **116 beats/ min**

Respiratory Rate: **100 breaths/ min**

Although the TPR values still remained high, the values gradually decreased with increased monitoring. Calf also started to look brighter than quiet from previous visits.



Calf was again sprayed as previously done and again appeared to be healing as expected.



Improvement

Day 3 Follow- Up Treatment- 28.09.18

- Animal looked bright, alert and responsive (B.A.R)
- CRT <2 seconds
- TPR: Temperature: **39.4°C**
Pulse: **120 beats/ min**
Respiratory Rate: **40 breaths/ min**

Calf #263 showed to have improved a lot – his TPR values continued to normalize. It should also be noted, that the calves were moved from solitary pens to a small community pen. Since, they are herd animals, this may have alleviated some stress to the animals.





Calf was sprayed with Tetravet® and fly repellent like the other visits and the disbudding continue to heal without complications. However, in addition, 15mL of 20,000 IU/kg Pen- Strep was administered IM in the rump (7.5mL at each side).