Postoperative considerations in aid of ruminant recovery from anaesthesia:

* Position animal in sternal recumbency with a pad placed under the mandible with the mouth end below the level of the larynx to drain saliva/regurgitant and prevent aspiration.

- *Picture showing animal with mouth positioned at the level below the* larynx to prevent regurgitation and aspiration

* Sternal recumbency aids in eructation and facilitates ventilation.
* Ensure endotracheal tube cuff remains in place as inflated to avoid regurgitation.
* If animal does not show signs of getting light for longer than 20 mins, reversal can be considered. (Tolazoline 0.2 – 1.0 mg/kg can be given titrated to effect IV)
* Extubating can be attempted with return of strong swallowing reflex of muscle tone. (confirm good gas exchange after extubating)
* Close observation should be continued to avoid the animal returning to sleep and potential dangers of developing aspiration until the animal is on its feet.

General Postoperative considerations following anaesthesia:

* Monitor TPR and mm/CRT every 15-20 minutes and address abnormalities as needed until they demonstrate basic postural resposnes. (The goal of monitoring should be to maintain cardiovascular homeostasis and core body temperature)

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| **Normal ranges (without anaesthesia)** | **Normal ranges (without anaesthesia)** |
| Temperature = 101-104°F (sheep, goats); 100-102.5°F (calves); 101.5-103.5°F (adult cattle) | Temperature = 101-104°F (sheep, goats); 100-102.5°F (calves); 101.5-103.5°F (adult cattle) |
| Heart rate (beats/minute) = 60-120 (sheep, goats); 100-120 (calves); 55-80 (adult cattle) | Heart rate (beats/minute) = 60-120 (sheep, goats); 100-120 (calves); 55-80 (adult cattle) |
| Respiratory rate (breaths/minute) = 10-30 (sheep, goats, adult cattle); 15-40 (calves) | Respiratory rate (breaths/minute) = 10-30 (sheep, goats, adult cattle); 15-40 (calves) |
| Blood pressure: >60 mm Hg (mean) and >90 mm Hg (systolic) | Blood pressure: >60 mm Hg (mean) and >90 mm Hg (systolic) |
| Oxygen saturation = >95% | Oxygen saturation = >95% |
| EtCO2: 35-45 | EtCO2: 35-45 |
| Mucous membranes = pink, not pale, white, gray, or blue | Mucous membranes = pink, not pale, white, gray, or blue |