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| **INTRA-OPERATIVE TECHNIQUE**  **FOR DISBUDDING** | | | | |
| **DISBUDDING:**  disbud.jpgdehorning ca.jpg This is the process by which the horn-producing cells (corium) of the horn bud or the complete horn bud is removed. Disbudding is carried out in calves less than 2 months of age and in goats and sheep in the first less 2 weeks after birth but can be done within the 1st week after birth.  D pic.jpg | | | | |
| **TYPE OF**  **DISBUDDING** | **EQUIPMENTS USED** | **REASON FOR PROCEDURE** | **TECHNIQUES CARRIED OUT** | **COMPLICATIONS** |
| **Surgical Disbudding**  **tube-dehorner.jpg(DEHORNING TUBE/SPOON)** | Dehorning tube/spoon  Antiseptic | A quick and efficient technique for removing horn buds in calves less than eight weeks of age | 1. Proper pre-operative treatment (refer to pre-op section). 2. Select the correct size tube to fit over the horn bud, and cover about 1/8 inch of skin around the horn base. 3. Place the cutting edge straight down over the horn. 4. Push and twist the tube until the skin has been cut through. 5. Cut under the horn bud and remove it, using a scooping motion. 6. Apply an antiseptic to the wound. | High risk of infection because of the open wound.  Technique can lead to scaring  Improper use can lead to excessive bleeding.  Welfare concerns |
| **RECOMMENDATIONS:**  Because it’s a highly painful and invasive technique proper pre-operative (Administer sedation, analgesia and local anaesthetic) as well as good post-operative care especially in lambs and kids.  The procedure should be done by a skilled and experience person to minimize pain, injury and control bleeding. | | |