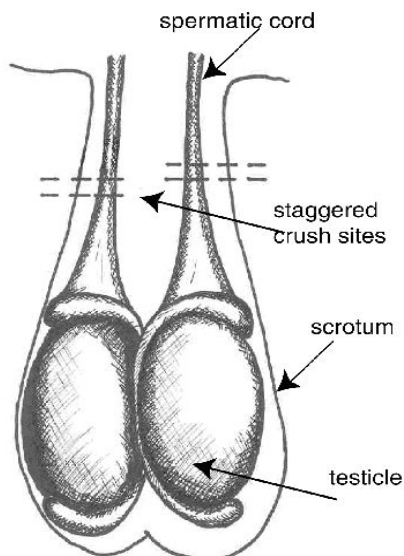


Non- Surgical Castration

- Burdizzo clamp / Emasculatome
- Elastrator band

Burdizzo technique

1. This technique is to be used with the spermatic cord and can be palpated at one month or older.
2. Proper sized forceps should be used based on the size of the animal. This is so that the arteries will be properly crushed.
3. Locate the spermatic cord. Reach between the hind legs and grasp the scrotum. Pinch the spermatic cord to the outside edge of the scrotum between your thumb and forefinger.
4. Position the burdizzo for efficient crushing. Place the jaw of the burdizzo with the projections on the front side of the scrotum.
5. Only the scrotum that contains the spermatic cord should be crushed. Avoid crushing more that is not necessary.
6. The burdizzo should be left in place for 15-20 seconds.
7. Release the burdizzo. Place it to a new area 1cm below the first area that was clamped. The burdizzo is placed below the initial area rather than above to reduce pain.
8. Repeat procedure on other side. Stagger the pinches to prevent the lines from lining up.
9. Recheck calf 4-6 weeks to ensure that both testicles have shriveled.

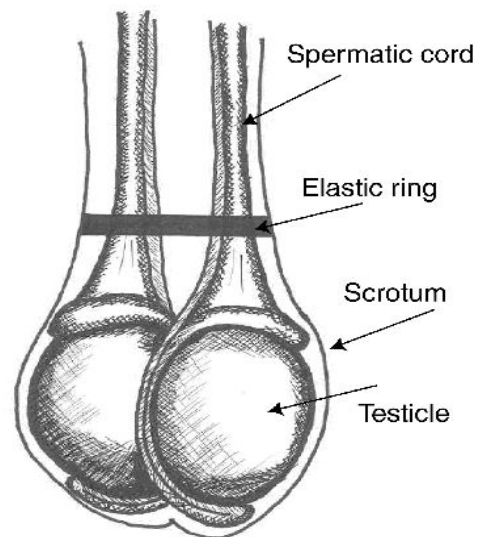


Complications

1. Risk of tetanus - tetanus vaccine should be administered 10-14 days prior to procedure. Two vaccines should be given 6-8 weeks apart to ensure the calf is protected from tetanus.

Elastrator band

1. Elastrator technique for calves from birth to 3 weeks of age.
2. Pull both testicles into the scrotum.
3. Place the rubber band on the elastrator. With elastrator prongs facing up, stretch the ring open and slip the band over the scrotum. Release the band just above the testicle.
4. Ensure that both testicles are still in the tip of the scrotum & the ring is properly placed.
5. Remove the elastrator from under the band.



Complications

1. Risk of tetanus - vaccinate prior
2. Risk of blackleg - vaccinate prior