**Different Techniques:**

* **Skin sutures fixation**

1. Dorsal sac of rumen is exteriorized through left flank incision.
2. Rumen is sutured to skin using #2 silk in a continuous Connell pattern.
3. Suturing begins midway down caudal part of incision and continued in a clockwise direction.
4. Suture is pulled tight to invert skin edges under rumen for good seal.



* **Weingarth’s Ring**

1. Weingarth’s frame is fixed to dorsal commissure of incision.
2. As rumen wall is incised the hooks are placed into the cut edge of rumen wall and hooked to the frame.



* **Stay suture fixation**

1. The rumen is exteriorized through the incision.
2. The rumen wall is anchored to the incision dorsally, ventrally, cranially and caudally by 4 sutures using #2 nylon.



* **Skin clamp fixation**

1. Rumen is exteriorized through the incision and firmly anchored to the skin dorsally and ventrally by towel clamps.
2. The rumen is opened and towel clamps are placed cranially and caudally.
3. Additional clamps are placed between these clamps.
4. The rumen edges are made to overlap the skin edges by 2-3 cm.

