HOW TO IMPLANT WITH SYNOVEX® S (progesterone and estradiol benzoate)

SYNOVEX® SX10 Gun

1. Load the SX10 gun following the directions outlined in the instruction manual accompanying each SX10 gun.

2. Restraint

   - The animal must be confined in a restraint mechanism (squeeze chute or head gate). The implant site on the back of the ear should be prepared by scrubbing with a firm bristled brush that has been soaked in a germicidal solution.
   - The implanted horned cattle, greater safety is provided when the head is controlled by the use of a bull lead (row tongs).

3. Implant Site

   - Divide the ear into three imaginary sections as illustrated. The implanted pellets should be deposited in the outer one-third of the ear as shown. To accomplish this, the SX10 gun needle should be inserted in the outer one-third of the ear as indicated by the “X” in the illustration. Implanting too close to the head may cause abnormal sexual behavior. Care should be taken to avoid severing the major arteries of the ear.

4. Insert Needle

   - Grasp the ear with one hand. While holding the SX10 gun firmly with the other hand, penetrate the skin at the point shown by the “X”. Thrust the needle under the skin taking care not to penetrate the cartilage. Ease the SX10 gun forward (toward the base of the ear) until the full needle length is beneath the skin.

5. Pellet Implantation

   - When the needle is completely inserted, activate the instrument by squeezing the trigger, expel the pellets while continuing to rotate the implant to the needle. This technique allows the pellets to be deposited in a straight line under the skin.

6. Inspection

   - Check the implant site. If properly administered, the pellets should lie in a straight line under the skin. Rotate the implant clip to the next dose. Discard the Synovex gun needle in a germicidal solution. You are now ready to implant the next animal.

STEPS

1. Loading the SX10 Gun

2. Restraint

3. Implant Site

4. Insert Needle

5. Pellet Implantation

6. Inspection

SYNOVEX® S (progesterone and estradiol benzoate) is recommended for use in steers weighing 400 lbs or more. Studies have demonstrated that reimplantation of Synovex S can decrease marbling scores when compared to non-implanted controls. This product was manufactured by a non-staining process. Do Not Use In Veal Calves Not For Use In Humans For Animal Use Only

Zoetis Inc.

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Cover Page

Back Page
HOW TO IMPLANT WITH SYNOVEX® S

(progestrone and estradiol benzoate)

Study the following instructions carefully, then proceed step by step, until the technique becomes routine. Many head can be implanted per hour by an experienced team, one member of which should be assigned to do nothing but the implantation. This person should maintain hand cleanliness and use sanitary instruments only.

HOW SUPPLIED

100 Doses

SYNOVEX® S
(progestrone and estradiol benzoate)

Synovex S is recommended for use in steers weighing 400 lb. or more. When properly administered, Synovex S implants increase rate of weight gain and improve feed efficiency. Do not use in veal calves. Effectiveness and animal safety in veal calves have not been established.

Sanitary instruments only. Do nothing but the implantation. This person then proceeds step by step, until the technique is mastered. Study the following instructions carefully, then proceed step by step, until the technique becomes routine. Many head can be implanted per hour by an experienced team, one member of which should be assigned to do nothing but the implantation. This person should maintain hand cleanliness and use sanitary instruments only.

STEP 1

1. Ensure that your SX10 gun has been soaked in a germicidal solution. You are now ready to implant the next animal.

STEP 2

2. Insert Needle

Grasp the ear with one hand. Holding the Synovex gun firmly with the other hand, penetrate the skin at the point shown by the "X". Thrust the needle under the skin taking care not to penetrate the cartilage. Ease the Synovex gun forward toward the base of the ear until the full needle length is beneath the skin.

STEP 3

3. Implant Site

Divide the ear into three imaginary sections as illustrated. The implanted pellets should be deposited in the outer one-third of the ear as shown. To accomplish this, the SX10 gun needle should be inserted in the outer one-third of the ear as indicated by the "X" in the illustration. Implanting too close to the head may cause abnormal sexual behavior. Care should be taken to avoid severing the major arteries of the ear.

STEP 4

4. Insert Needle

Grasp the ear with one hand. While holding the SX10 gun firmly with the other hand, penetrate the skin at the point shown by the "X". Thrust the needle under the skin taking care not to penetrate the cartilage. Ease the SX10 gun forward toward the base of the ear until the full needle length is beneath the skin.

STEP 5

5. Pellet Implantation

When the needle is completely inserted, activate the instrument by squeezing the trigger completely. Do not attempt to fire the instrument unless the Synovex SX10 needle retractor to release the pellets. This will allow the pellets to be deposited in a straight line in the path of the retracted needle.

STEP 6

6. Inspection

Check the implant site. If properly administered, the implants should lie in a straight line under the skin. Rotate the implant clip to the next dose. Drench the Synovex gun needle in a germicidal solution. You are now ready to implant the next animal.