**HOW TO IMPLANT WITH SYNOVEX® C Implants**

**SYNOVEX® C Implants**

SYNOVEX® C implants are recommended for use in breeding beef calves up to 400 lb of body weight. SYNOVEX® C is also recommended for improvement in rate of weight gain in steers weighing greater than 400 pounds and fed in confinement for slaughter when administered properly. For more information, see the SYNOVEX® C Implants Insertion Instructions.

**SYNOVEX® Gun**

The hand implantation technique described below utilizes a modified SX10 Gun.

**STEP 1 Loading The SX10 Gun**

Insert needle into SX10 gun as shown by the "X." Thrust the needle in a straight line under the skin. Note: If implanting horned cattle, greatest safety is provided when the head is controlled by the use of a bull lead (mow tore).

**STEP 2 Restraint**

Divide the ear into three imaginary sections as illustrated. The implanted pellets should be deposited in the center one-third of the ear as shown. To accomplish this, the SX10 gun needle should be implanted 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 3 Implant Site**

Grap the ear with one hand. Holding the SX10 gun firmly with the other hand, penetrate the skin at the point shown by the "X." Then withdraw the needle under the skin taking care not to penetrate the cartilage.

**STEP 4 Insert Needle**

When the needle is completely inserted, activate the instrument by squeezing the trigger to expel the pellets. Check the implanted site for human or animal safety in veal calves have not been established. Avoid excessive heat or humidity.

**STEP 5 Pellet Implantation**

Divide the ear into three imaginary sections as illustrated. The pellets should be deposited in the center 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 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. Disinfect the SX10 gun needle in a germicidal solution. You are now ready to implant the next animal.

**SYNOVEX® SX10 Gun**

**Front Side**

**Back Side**

**HOW SUPPLIED**

- **20 Dose**
- **100 Dose**

**Coverage Page**

**Back Page**

**For Increased Rate of Weight Gain**

This product was manufactured by a non-sterilizing process. Do Not Use in Veal Calves Not For Use In Humans For Animal Use Only

**Restricted Drug (California)**

- **Kalamazoo, MI 49007**
- **Distributed by: Zoetis Inc.**

**For Animal Use Only**

**PROSTATE C (progesterone and estradiol benzoate)**

**100 mg progesterone and 10 mg estradiol benzoate per implant**

**CALF IMPLANTS**

- **NADA 9-576, Approved by FDA**
- **Lot of 10 Implants**

**Zoetis**

- **Thousand Oaks, CA 91360**

**NADA 9-576, Approved by FDA**

- **14550808**
- **6640D**

**COLOR CODED CLIP**

- **C® CHAMBER**
- **LOADING PELLETS SX10 Gun**
- **COVER CLIP**
- **NEEDLE**
- **PLASTIC CLIP**
- **LOCKING BUTTON**
- **STOP REAR**
- **ARROW TRIGGER**
- **RECOCKING PLASTIC CLIP**
- **ICED COVER**

**WARNING**

Not for use in humans. For animal use only. Implant path in the ear, any other location is in violation of federal law. Do not remove or reimplant site of human or animal food.

**NOTE**

A withdrawal period has not been established for this product in non-reproducing calves. Do not use in calves to be processed for veal.

**CAUTION**

Bulling, rectal and vaginal prolapse, udder development, ventral edema and elevated tailheads may be observed when the head is controlled by the use of a bull lead (mow tore). Any other use in veal calves has not been established. Do not use in bull calves intended for reproduction, or in calves less than 40 days old.

**STORAGE**

Store at controlled room temperature 20°-25°C (68°-77°F) with a relative humidity not exceeding 40%. Avoid excessive heat or humidity.

**USE ONLY AS DIRECTED.**

This technique allows the pellets to be deposited in a germicidal solution. The implanted site on the back (squeeze chute or head gate). The animal must be confined in a restraint mechanism (squeeze chute or head gate) with the site shown by the "X." Thrust the needle  in a germicidal solution. The Implanted site on the back (squeeze chute or head gate). The animal must be confined in a restraint mechanism (squeeze chute or head gate) with the site shown by the "X." Thrust the needle.
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.

SYNOVEX® C Implants

SYNOVEX® Gun

STEP 1 Loading the Gun

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

STEP 2 Restraint

The animal must be confined in a restraint mechanism (squeeze chute or head gate). The implanted side on the back of the ear should be prepared by scrubbing with a firm bristled brush that has been soaked in a germicidal solution.

Note: If implanting horned cattle, greater safety is provided when the head is controlled by use of a bull lead (mose rope).

STEP 3 Implant Site

Divide the ear into three imaginary sections as illustrated. The implanted site should be in the center 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 Insert Needle

Grap 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 Pellet Implantation

When the needle is completely inserted, activate the instrument by squeezing the trigger (shown by "X") and releasing the needle. Using the automatic 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 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 rear of the device. Then, return the bolt forward to its locked position. Disinfect the SX10 gun needle in a germicidal solution. The SX10 gun is now ready to implant the next animal.

100 mg progesterone and 10 mg estradiol benzoate per implant

For Increased Rate of Weight Gain

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For Animal Use Only

zoетis

Thomson Co., Kalamazoo, MI 49007

Distributed by:

限制性药物（加利福尼亚）—请勿让儿童接触此药。

请注意，若在公牛犊中植入，可增加安全性。

警告：在非临床条件下，曾对Y型的乳猪有不育的报告。

须知：不用于人类。仅供动物使用。

使用和指导

必须遵循每个包装随附的详细说明。