**VETAPROST®**  
**CLOPROSTENOL SODIUM**  

**Drug Form:** Strile Soluble Injection  
**Chemistry:** A synthetic prostaglandin of the F class  
**Composition:** Each ml of drug contains 263 µg cloprostenol sodium  

**Action:** It is recommended by the manufacturer for unobserved or undetected estrus in cows cycling normally, pyometra or chronic endometritis, expulsion of mummified fetus, Ovulation, luteolysis, contraction of uterine smooth muscle, Induced abortion, sperm movement in female and male genital system.  
Prostaglandin F alpha2 and its analogues cloprostenol are powerful luteolytic agents. They cause rapid regression of the corpus luteum and arrest its secretary activity. These prostaglandins also have direct stimulating effect on uterine smooth muscle causing contraction and a relaxant effect on the cervix. In normally cycling animals, estrus will generally occur 2-5 days after treatment.  

**Uses:** cloprostenol is used for:  
In cow: Luteal cysts, treatment of silent heat, induced parturition, conclude of unwanted parturition and abnormal parturition, pyometra or chronic endometritis, synchronization of estrus.  
In mare: treatment of silent heat, long Diestrus, anestrus related to lactation, induced abortion before 45 day, pseudopregnancy.  

**Dosage Guide:** for deep intramuscular injection to cattle:  
For treatment of pyometra, mummified fetus, induced abortion: 500 µg in I.M. injection  
For synchronization of estrus:  
  a) **Single injection method:** use only animals with mature corpus luteum, and lack of pregnancy. Give 2 ml cloprostenol I.M. estrus should occur in 2-5 days. Inseminate at usual time after detecting estrus, or inseminate once at 72 hours post second injection, or twice at 72 and 96 hours post second injection.
b) **Double injection method:** use only animals with mature corpus luteum, and lack of pregnancy. Give 2 ml cloprostenol I.M. repeat dose 11 days later. Estrus should occur in 2-5 days after second injection. Inseminate at usual time after detecting estrus, or inseminate once at 72 hours post second injection, or twice at 72 and 96 hours post second injection.

**In horses:** To cause abortion 12 days after inoculation, 100 μg I.M., 7 or 8 days after estrus will be effective. Mare will usually return to estrus within 5 days.

**In Sheep & Goat:** To induce parturition 62.5-125 μg, I.M

**Contra-indications:**
- Pregnant animal
- In pyometric animal with closed cervix
- Intravascular injection
- In mare with respiratory or gastric disease

Woman of child-bearing age, person with asthma or other respiratory diseases should use extreme caution when handling cloprostenol as the drug may induce abortion or acute bronchoconstriction. Cloprostenol is readily absorbed through the skin.

**Withdrawal Time:**
- Meat: 4 days
- Milk: 10 hours

**Storage:**
Vetaprost products should be stored at room temperature (15-30 °C).

**Veterinary –Labeled products:**
Vetaprost Injection in 10 ml vials, five vials in a package.