Estrogen - Estradiol Cypionate
(“DepoGen”)

Common Drug Name
Estriadiol cypionate (ECP)

Common Brand Names
DepoGen

Generic products are available.

Storage
Store at room temperature in a tight, light resistant, childproof container. Avoid freezing.

Uses
Estradiol cypionate is a form of estrogen that is used for the treatment of estrogen responsive urinary incontinence and certain estrogen-responsive cancers in dogs. It has also been used to prevent pregnancy (mismate shot) in dogs and cats.

In horses, it is used to induce estrus (start the heat cycle).

Dose and Administration
Always follow the dosage instructions provided by your veterinarian. If you have difficulty giving the medication, contact your veterinarian.

Most dogs being treated with ECP for urinary incontinence need to be treated long term, but some dogs may need to be treated seasonally or for several months.

If you miss a dose, give it as soon as you remember. If it is almost time for the next dose, skip the one you missed and go back to the regular schedule. Do not give 2 doses at once.

This medication should only be given to the pet for whom it was prescribed.

Possible Side Effects
Side effects are less common when used to treat estrogen responsive urinary incontinence. At higher doses or long-term use, may see signs of estrus, lack of appetite, vomiting, diarrhea, vaginal discharge, pyometra (infection in the uterus), lethargy, increased thirst and urination, bone marrow suppression, aplastic anemia, bleeding, and death. Use in males may cause feminization.

Consult your veterinarian if you notice any of the above side effects.

If your pet experiences an allergic reaction to the medication, signs may include facial swelling, hives, scratching, sudden onset of diarrhea, hives, scratching, sudden onset of diarrhea, vomiting, shock, seizures, pale gums, cold limbs, or coma. If you observe any of these signs, contact your veterinarian immediately.

Precautions
Not for use in animals hypersensitive (allergic) to it or drugs similar to it.

Do not use in pregnant or lactating animals (female animals nursing their young). It can cause abortions and birth defects.

Do not use in animals with cancers that may be caused by estrogens such as mammary (breast) cancer.

Do not use in animals with bone marrow suppression.

Do not use in males that are to be used for breeding.

Consult with your veterinarian regarding the physical examinations and laboratory testing necessary prior to and during treatment with ECP.

Drug, Food, and Test Interactions
Consult your veterinarian before using ECP with vitamins and supplements, rifampin, phenobarbital, phenylbutazone, corticosteroids, or oral anticoagulants (such as warfarin), since interactions may occur.

No known food interactions.

Signs of Toxicity/Overdose
May cause bone marrow suppression, aplastic anemia, and death. May also damage heart, liver, and pancreas. May cause ovarian tumors.

If you know or suspect your pet has had an overdose, or if you observe any of these signs in your pet, contact your veterinarian immediately.

Keep this and all other medications out of the reach of children and pets.