

## **PLEASE NOTE:**

- Make sure that you are not pregnant before starting treatment. A pregnancy test is advisable.
- Barrier methods of contraception should be used during treatment, as Suprecur is not a contraceptive.
- Periods generally return four to six weeks after completion of treatment.
- It is advisable to have one period before trying for pregnancy.
- Symptoms may return following treatment particularly in cases of severe disease, e.g: bowel, bladder, ureter, pouch of Douglas. Specialist surgical skills using resection are generally required to remove this. See other leaflets on surgery.

### **Other drug leaflets available from Endometriosis SHE Trust (UK):**

*Danol (Danazol); Dimetriose (Gestrinone); DLPA (Phenylalanine); Duphaston (Dydrogesterone); Mirena Coil (Levonorgestrel); Primolut-N (Norethisterone); Prostag SR (Leuprorelin Acetate); Provera/Depo-Provera (Medroxyprogesterone Acetate); Synarel (Nafarelin); Utovlan (Norethisterone) and Zoladex (Goserelin).*



© SUPRECUR (BUSERELIN)

### **Suprecur (Buserelin) for the treatment of endometriosis**

Suprecur is made by Shire Pharmaceuticals.

### **What is Suprecur?**

Suprecur is a hormone, produced synthetically. It is a peptide (a group of amino acid organic compounds) and has actions similar to Gonadotrophin Releasing Hormones (GnRH). Suprecur is licensed for the treatment of endometriosis as well as for the preparation programme for women awaiting In Vitro Fertilisation (IVF).

Suprecur is used in two different ways:

- Nasal spray for endometriosis; and
- Subcutaneous injection (injection just under the skin) for IVF preparation.

### **How Suprecur works:**

Suprecur desensitises the pituitary gland in the brain to the action of natural GnRH. This reduces the production of the hormones – Follicle Stimulating Hormone (FSH) and Leutinising Hormone (LH). These hormones normally stimulate the ovaries to produce oestrogen and, as a result, the woman experiences a pseudo (false) menopause because the levels of oestradiol and progesterone circulating in the blood are lowered and the deposits of endometriosis shrink.

### **Administration and dosage of Suprecur:**

The nasal spray is a colourless solution and contains 150mcgs of Suprecur in one spray.

One spray is used in each nostril (i.e: 300mcgs) three times a day (usually morning, mid-day and evening).

Total daily dosage is 900mcgs.

It does not matter if the spray is used before or after meals, as long as it is used at regular intervals.

The spray is absorbed through the lining of the nose even if you have a cold. In these circumstances, blow your nose thoroughly before using the spray. If you are using decongestants for the treatment of a cold, the decongestant should be used at least thirty minutes after using the Suprecur spray.

The usual course of treatment is six months.

It is advisable to have only one course of treatment at a time.

***Suprecur is not suitable for the treatment of children or post-menopausal women.***

### **When Suprecur should not be used (contra-indications):**

Pregnancy  
Lactating women (breast-feeding)  
Undiagnosed vaginal bleeding  
Hypersensitivity to Suprecur  
Women with hormone dependant tumours  
Hypersensitivity to GnRH  
Hypersensitivity to Benzakonium (the preservative used in the spray)

### **Precautions in the use of Suprecur:**

Diabetic patients should be regularly monitored as Suprecur can interact with diabetic drugs.

Hypertensive patients should have regular blood pressure checks.

Patients who are known to suffer from depression should be checked regularly as Suprecur has been known to cause depression.

Oral contraceptives should be discontinued before starting treatment.

### **Side effects of Suprecur:**

The main side effects are a pseudo (false) menopause.

#### Commonly reported side effects:

Hot flushes	Breakthrough bleeding
Increased sweating	Dry vagina
Loss of libido	Painful intercourse
Withdrawal bleeding	Local nasal irritation
Nose bleeds	Hoarse voice
Disturbance of smell	Disturbance of taste
Changes in bone-density	

#### Other reported side effects:

Vaginal discharge	Breast tenderness
Changes in breast size	Acne
Dry skin	Nail splitting
Vomiting	Stomach upsets
Swelling of face, arms and legs	Headaches
Dizzy spells	Nausea
Lack of concentration (avoid driving/machinery)	
Changes in body hair	
Dry sore eyes (especially in women with contact lenses)	
Hypersensitivity reactions - redness of skin, rash, allergic asthma/breathing difficulties	

As with all treatments, you may have no side effects at all, or you may have a few but it is rare to experience multiple side effects.

***Do remember to report any side effects to your medical practitioner and ask for advice.***