



IDENTIFICATION OF THE COMPONENT		
Material component code:	N54G3402D	
Local brand:	OVIDREL	
Strength(s):	0.25 mg/0.5 ml	
TECHNICAL DATA		
Packaging site:	Merck Bari	
Technical layout ref:	SL02_V03	
BARCODE		
Barcode type:	2D Code (DMC)	
Alpha numeric content:	N54G3402D	
Spotmark:	No	
Spotmark value:	N/A	
TRACEABILITY (VERSIONS)		
Vx	Date	Designer
01	26.01.2023	Laszlo Kaszaky
02	n/a	n/a
03	n/a	n/a



N54G3402D



OVIDREL® 250 micrograms/0.5 ml

solution for injection in a pre-filled syringe or pre-filled pen

QUALITATIVE AND QUANTITATIVE COMPOSITION

Each pre-filled syringe contains 250 micrograms choriogonadotropin alfa* (equivalent to approximately 6,500 IU) in 0.5 mL solution.

* recombinant human chorionic gonadotropin, r-hCG produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology

For the full list of excipients, see section 6.1

PHARMACEUTICAL FORM

Solution for injection

Clear, colorless to slightly yellowish solution.

The pH of the solution is 7.0 ±0.3, its osmolality 250-400 mOsm/kg.

CLINICAL PARTICULARS

Therapeutic indications

Ovidrel® is indicated in the treatment of

- Adult women undergoing superovulation prior to assisted reproductive technologies (ART) such as in vitro fertilization (IVF): Ovidrel® is administered to trigger final follicular maturation and luteinisation after stimulation of follicular growth,
- Anovulatory or oligo-ovulatory women: Ovidrel® is administered to trigger ovulation and luteinisation in anovulatory or oligo-ovulatory patients after stimulation of follicular growth

Posology and method of administration

Treatment with Ovidrel® should be performed under the supervision of a physician experienced in the treatment of fertility problems.

Posology

The maximum dose is 250 micrograms. The following dosing regimen should be used:

- Women undergoing superovulation prior to assist reproductive technologies (ART) such as in vitro fertilization (IVF):
One pre-filled syringe or prefilled pen of Ovidrel® (250 micrograms) is administered 24 to 48 hours after the last administration of a follicle stimulating horming (FSH) or human menopausal gonadotropin (hMG) preparation, i.e. when optimal stimulation of follicular growth is achieved,
- Anovulatory or oligo-ovulatory women:

One pre-filled syringe or prefilled pen of Ovidrel® (250 micrograms) is administered 24 to 48 hours after optimal stimulation of follicular growth is achieved. The patient is recommended to have coitus on the day of, and the day after, Ovidrel injection.

Special populations

Renal or hepatic impairment

Safety, efficacy and pharmacokinetics of Ovidrel in patients with renal or hepatic impairment have not been established.

Paediatric population

There is no relevant use of Ovidrel in the paediatric population.

Method of administration

For subcutaneous use. Self-administration of Ovidrel should only be performed by patients who are adequately trained and have access to expert advice.

Ovidrel is for single use only.

Contraindications

- Tumors of the hypothalamus and pituitary gland
- Hypersensitivity to the active substance or to any of the excipients

- Ovarian enlargement or cyst unrelated to polycystic ovarian disease
- Gynaecological haemorrhages of unknown aetiology
- Ovarian, uterine or mammary carcinoma
- Active thrombo-embolic disorders

Ovidrel must not be used in conditions when an effective response cannot be obtained, such as

- primary ovarian failure
- malformations of sexual organs incompatible with pregnancy
- fibroid tumors of the uterus incompatible with pregnancy
- postmenopausal women

Special warnings and special precautions for use

Traceability

In order to improve the traceability of biological medicinal products, the name and batch number of the administered product should be clearly recorded.

General Recommendations

Before starting treatment, the couple's infertility should be assessed as appropriate and putative contraindications for pregnancy evaluated. In particular, patients should be evaluated for hypothyroidism, adrenocortical deficiency, hyperprolactinemia and pituitary or hypothalamic tumors, and appropriate specific treatment given.

There is no clinical experience with Ovidrel in the treatment of other conditions (such as corpus luteum insufficiency or male conditions) therefore Ovidrel is not indicated in these conditions

Ovarian Hyperstimulation Syndrome (OHSS)

A certain degree of ovarian enlargement is an expected effect of controlled ovarian stimulation. It is more commonly seen in women with polycystic ovarian syndrome and usually regresses without treatment.

In distinction to uncomplicated ovarian enlargement, OHSS is a condition that can manifest itself with increasing degrees of severity. It comprises marked ovarian enlargement, high serum sex steroids, and an increase in vascular permeability which can result in an accumulation of fluid in the peritoneal, pleural and, rarely, in the pericardial cavities. Mild manifestations of OHSS may include abdominal pain, abdominal discomfort and distension, and enlarged ovaries. Moderate OHSS may additionally present with nausea, vomiting, ultrasound evidence of ascites and marked ovarian enlargement.

Severe OHSS further includes symptoms such as severe ovarian enlargement, weight gain, dyspnoea or oliguria. Clinical evaluation may reveal signs such as hypovolaemia, haemoconcentration, electrolyte imbalances, ascites, pleural effusions, or acute pulmonary distress. Very rarely, severe OHSS may be complicated by ovarian torsion or thromboembolic events, such as pulmonary embolism, ischaemic stroke or myocardial infarction.

Independent risk factors for developing OHSS include young age, lean body mass, polycystic ovarian syndrome, higher doses of exogenous gonadotropins, high absolute or rapidly rising serum estradiol levels and previous episodes of OHSS, large number of developing ovarian follicles and large number of oocytes retrieved in ART cycles.

Adherence to recommended Ovitrelle dosage and regimen of administration can minimise the risk of ovarian hyperstimulation. Monitoring of stimulation

cycles by ultrasound scans as well as estradiol measurements are recommended to early identify risk factors.

There is evidence to suggest that hCG plays a key role in triggering OHSS and that the syndrome may be more severe and more protracted if pregnancy occurs. Therefore, if signs of ovarian hyperstimulation occur, it is recommended that hCG be withheld and the patient be advised to refrain from coitus or use barrier contraceptive methods for at least 4 days.

As OHSS may progress rapidly (within 24 hours) or over several days to become a serious medical event, patients should be followed for at least two weeks after hCG administration.

Mild or moderate OHSS usually resolves spontaneously. If severe OHSS occurs, it is recommended that gonadotropin treatment be stopped and that the patient be hospitalised and appropriate therapy be started.

Multiple pregnancy

In patients undergoing induction of ovulation, the incidence of multiple pregnancy and births is increased compared with natural conception. The majority of multiple conceptions are twins. Multiple pregnancies, especially high order, carry and increased risk of adverse maternal and perinatal outcomes.

To minimise the risk of higher order multiple pregnancy, careful monitoring of ovarian response is recommended. ART procedures the risk of multiple pregnancy is related mainly to the number of embryos replaced, their quality and the patient age.

Pregnancy loss

The incidence of pregnancy loss by miscarriage or abortion is higher in patients undergoing stimulation of follicular growth for ovulation induction or ART than following natural conception.

Ectopic pregnancy

Women with a history of tubal disease are at increased risk for ectopic pregnancy, whether the pregnancy is obtained by spontaneous conception or with fertility treatments. The prevalence of ectopic pregnancy after ART in this population was reported to be higher than in the general population.

Congenital malformations

The prevalence of congenital malformations after ART may be slightly higher than after spontaneous conceptions. This is thought to be due to differences in parental characteristics (e.g. maternal age, sperm characteristics) and the higher incidence of multiple pregnancies.

Thromboembolic events

In women with recent thromboembolic disease or women with generally recognised risk factors for thromboembolic events, such as personal or family history, treatment with gonadotropins may further increase the risk for aggravation or occurrence of such events. In these women, the benefits of gonadotropin administration need to be weighed against the risks. It should be noted, however, that pregnancy itself as well as OHSS also carry an increased risk of thromboembolic events.

Reproductive system neoplasms

There have been reports of ovarian and other reproductive system neoplasms, both benign and malignant, in women who have undergone multiple treatment regimens for infertility. It is not yet established whether or not treatment with gonadotropins increases the risk of these tumours in infertile women.

Interference with serum or urinary testing

Following administration, Ovidrel may interfere for up to ten days with the immunological determination of serum or urinary hCG, potentially leading to a false positive pregnancy test. Patients should be made aware of this.

Sodium content

This medicinal product contains less than 1 mmol sodium (23 mg) per dose, i.e. it is essentially "sodiumfree"

Interaction with other medicinal products and other forms of interaction

No specific interaction studies with Ovidrel® and other medicines have been performed however no clinically significant drug interactions have been reported during hCG therapy.

Fertility ,pregnancy and lactation

There is no indication for the use of Ovidrel® during pregnancy. Data on a limited number of exposed pregnancies indicate no increased risks of malformation or foeto/neonatal toxicity.No reproduction studies with choriogonadotropin alfa in animals were performed. The potential risk for humans is unknown.

Breast-feeding

Ovidrel is not indicated during breastfeeding. There are no data on the excretion of choriogonadotropin alfa in milk.

Fertility

Ovidrel is indicated for use in infertility

Effects on ability to drive and use machines

Ovidrel has no or negligible influence on the ability to drive and use machines.

COLOURS	
Printed colour(s)	Technical information(s)
Black	Keyline

