

IVF Medication*

IFER – PDF II

***The medication you will need to use for the procedure depends on your medical history (age, previous IVF cycles, hormonal profile, etc.)**

These protocols for IVF serve as an example should you prefer to start treatment at home

We suggest you take an extra week off and undergo controlled ovarian hyperstimulation in Buenos Aires from scratch! In this case you will purchase the medication once you arrive in Argentina.

- **GnRH Agonist cycle**

Leuprolide acetate (Lupron 2.8 ml): on **day 21 of your menstrual cycle**, you will have to self administer Lupron 0.1 ml/day (subcutaneous injection) and continue on a daily basis (Lupron is used in order to achieve hormonal suppression and prevents early ovulation). At this point we will be planning probable dates to travel to Argentina, since you should expect your menstrual period between 6 and 10 days later.

You will need to have a **transvaginal ultrasound** examination performed on the 2nd or 3rd day of your following menstrual period. We will also need your **estradiol level in blood** (obtained on the very same day of the ultrasound).
- E-mail those results to us.

We will instruct you on when to start gonadotropin injections.
Do not stop Lupron!

Gonadotropins (Bravelle, Follistim, Gonal, Repronex): are used for stimulation of follicular growth, and can be administered subcutaneously and intramuscularly. Once you start with gonadotropins, you should change your daily Lupron dose to 0.05 ml/day (one half of the previous dose).

You will need to have a **transvaginal ultrasound** examination performed on the 5th day of gonadotropin administration. We will also need to know the **estradiol level in blood** (obtained on the very same day of the ultrasound).
- E-mail those results to us.

We will then give you further instructions on how to continue gonadotropin injections.

Do not stop Lupron!

At this point, we will be planning final dates for your trip to Argentina: around 3 to 5 days later, depending on the mailed results.

You will then continue gonadotropin and Lupron injections on a daily basis. Two or three days later we will see you in IFER, Buenos Aires, Argentina, in order to perform an ultrasound and obtain a blood estradiol level. We will then give you further instructions on how to proceed from there.*

*You should anticipate a 10-day stay in Buenos Aires to allow for egg retrieval and transfer, the latter being usually done 48-72 hours later. After a two-day rest period you should be able to return home. A pregnancy test (quantitative β hCG titers) is usually performed on days 12 and 14 from transfer.

Human Chorionic Gonadotropin – hCG – (Novarel, Ovidrel, Profasi, Pregnyl): completes the final maturation process of oocytes and triggers ovulation within 36 hours after injection. *You will purchase this medication in Buenos Aires.*

Antibiotics (Doxycycline): prevents infection from egg retrieval. Unless otherwise prescribed, you will need to take one tablet twice daily for 3 consecutive days starting the day prior to egg retrieval. *You will purchase this medication in Buenos Aires.*

Progesterone (Progesterone in oil or vaginal suppositories): we will give you instructions regarding when to start with progesterone (right after egg retrieval). This medication thickens the inner lining of the uterus and facilitates embryo implantation. *You will purchase this medication in Buenos Aires.*

- **GnRH Antagonist cycle**

Oral contraceptive pills: on the **first day** of your menstrual period, you will need to start with oral contraceptives. At this point, we will be planning probable dates to travel to Argentina.

You will need to have a **transvaginal ultrasound** performed on the 2nd day of the following menstrual period (the cycle following oral contraceptive administration). We will also need you to have an **estradiol level in blood** (obtained on the very same day of the ultrasound).

- E-mail those results to us.

We will then give you instructions regarding when to start with gonadotropin injections (probably on the second or third day of your menstrual period) and the dose required.

Gonadotropins (Bravelle, Follistim, Gonal, Repronex, Luveris): they are used for stimulation of follicular growth, and can be administered subcutaneously and intramuscularly.

You will need to have a **transvaginal ultrasound** performed on the 5th day of gonadotropin administration. We will also need you to have an **estradiol level in blood** (obtained on the very same day of the ultrasound).

- E-mail those results to us.

We will then instruct you on how to continue with gonadotropin administration and when to start with GnRH antagonist injections.

At this point, we will plan final dates for your trip to Argentina.

You will continue gonadotropin injections on a daily basis. Two or three days later we will see you in IFER, Buenos Aires, Argentina, in order to perform an ultrasound and obtain a blood estradiol level. We will then give you further instructions on how to proceed from there.*

* You should anticipate a 10-day stay in Buenos Aires to allow for egg retrieval and transfer, the latter being usually done 48-72 hours later. After a two-day rest period you should be able to return home. A pregnancy test (quantitative β hCG titers) is usually performed on days 12 and 14 from transfer.

GnRH antagonist (Antagon): prevents early ovulation. It is administered subcutaneously. *You will need to bring this medication with you; otherwise, you will purchase this medication in Buenos Aires.*

Human Chorionic Gonadotropin – hCG – (Novarel, Ovidrel, Profasi, Pregnyl): completes the final maturation process of oocytes and triggers ovulation within 36 hours after injection. *You will purchase this medication in Buenos Aires.*

Antibiotics (Doxycycline): prevents infection from egg retrieval. Unless otherwise prescribed, you will need to take one tablet twice daily for 3 consecutive days starting the day prior to egg retrieval. *You will purchase this medication in Buenos Aires.*

Progesterone (Progesterone in oil or vaginal suppositories): we will give you instructions regarding when to start with progesterone (right after egg retrieval). This medication thickens the inner lining of the uterus and facilitates embryo implantation. *You will purchase this medication in Buenos Aires.*