

Uterine rejuvenation

Endometrial regenerative therapy with PRGF



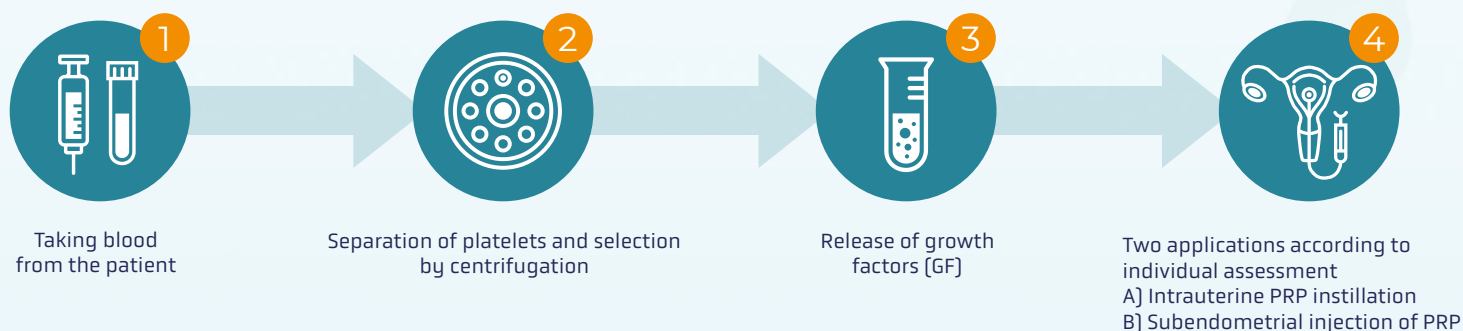
Add quality and confidence to your assisted reproduction treatment: go one step further and include the Uterine rejuvenation in your process



Endometrial regenerative therapy consists of the reprogramming and enhancement of endometrial function and regeneration of the damaged endometrium through the instillation of paracrine factors present in platelets.

After obtaining the PRGF, extracted from a sample of the patient's blood, and processing it, the autologous medicine is obtained and applied directly to the uterus, achieving tissue regeneration, which is necessary for correct embryo implantation.

Process





Endometrial regenerative therapy with PRGF

As it is the patient's own blood serum, the plasma rich in growth factors has no side effects, and intracavitary instillation into the patient's uterus is simple and quick.

In combination with other fertility treatments, prescribed by the specialist gynaecologist according to the patient's medical history and pathologies, it increases the chances of a successful pregnancy.

Process

In an endometrial regeneration treatment using PRGF, three aliquots of Plasma Rich in Growth Factors are generated and used for three instillations, which corresponds to one cycle.

Description of the PRGF

Platelet-rich plasma (PRP) is a regenerative therapeutic practice through which tissue repair, reprogramming and rejuvenation are achieved. When applied to reproductive medicine, PRP offers significant benefits and has no side effects, as it is administered as self-medication through centrifugation of the patient's blood.

Using a meticulous process, plasma with a high concentration of platelets and other plasma agents rich in Growth Factors (GFs) is separated from the blood. When these GFs are released and activated, they are injected into the uterus using various instillation techniques.

Thanks to the endocrine and paracrine effects, an efficient regeneration and repair of the subendometrial tissue are achieved, without provoking an inflammatory response. As a result, a healthier and reconstituted endometrium is preserved for several months.

Applications of regenerative endometrial therapy

- Adenomyosis / Internal endometriosis.
- Chronic endometritis / Pathological microbiome.
- Hypotrophic or refractory endometrium.
- Asherman's syndrome.
- Low subendometrial vascularization flow index (VFI).
- KIR-HLAC incompatibility.
- Repeated miscarriages (immunological/rheological or idiopathic).
- Implantation failures (immunological/rheological or idiopathic).
- Obstetric risks due to various placental pathologies (accreta, increta, pre-eclampsia and others).

