



Progesterone hormone
Preparation endometrium for embryo transfer

Estrogen hormone

Preparation endometrium for embryo transfer



Oestrogel®

- It is a medication that increases estrogen levels, with 17β -estradiol as the active ingredient.
- It is used to thicken the endometrium and promote an endometrial structure that is receptive to embryo implantation.
- Transdermal estrogen is absorbed into the subcutaneous bloodstream and reaches the uterus before being metabolized by the liver (approximately 70–80% reaches the uterus from 100% applied). In contrast, oral estrogen is absorbed and first metabolized by the liver, resulting in a lower amount of hormone reaching the uterus (approximately 10–20% of the administered dose).
- Possible side effects include headache, nausea, and vomiting.