



Ovidrel®



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- It is a recombinant hCG, choriogonadotropin alfa.
- It is an injectable hCG hormone administered during the mid-cycle of treatment to mimic the natural LH surge.
- Because synthetic LH cannot be used to replicate the natural LH surge due to its very short duration, hCG is used instead to induce an LH-like surge. This stimulates final oocyte maturation and triggers ovulation by causing the oocyte to detach from the follicular wall and float freely in the follicular fluid, allowing it to be retrieved during oocyte pickup.
- Ovulation occurs approximately 38 hours after injection. Fully mature oocytes can float freely in the follicular fluid after about 34 hours. Therefore, there is an optimal 4-hour window for oocyte retrieval, which is why oocyte pickup is typically scheduled around 36 hours after administration.
- Possible side effects include pain, swelling, redness, or itching at the injection site.