



## BREAK FREE FROM HORMONES

Vytelle ADVANCE™ is a completely hormone-free *in vitro* fertilization (IVF) process. **No FSH, no donor set up, no added labor.** Our media is designed to mature the oocytes without FSH, creating a simple and reliable oocyte collection that's easy on the donor and more economical for you.



*The follicles are already there. Skip the cost, labor and stress of making them bigger.*

## ADVANTAGES OF HORMONE-FREE IVF

- + Easier on the donors
- + Less labor
- + More cost effective
- + Same number of oocytes collected per OPU
- + Grade 1 embryos

## OUTCOME-BASED PRICING

Our outcome-based pricing structure ensures you only pay for quality embryos. There are no hidden fees or upfront costs; simply one price per grade 1 embryo produced. Visit our website at [vytelle.com](http://vytelle.com) to find an OPU location near you.



Our hormone-free IVF process lets ovarian tissue regenerate quickly and follicular growth resume immediately, allowing the IVF process to restart every 2 weeks.

## STEP 1 Ovum Pick-Up (OPU)

Trained Vytelle technicians collect all available follicles off the donor's ovaries.

OPU takes around 15 minutes per donor and can be done on open or pregnant heifers or cows up to 100 days in gestation.

## STEP 2 Oocyte Preparation

The oocytes are cleaned and graded, then placed in maturation media.

## STEP 3 Lab Delivery

The oocytes are transported in an incubator and hand delivered to a Vytelle lab.



## STEP 5 Embryo Development

The embryos move through our proprietary culture process for 8 additional days.



We continually monitor cleavage rates and communicate openly with producers to create adaptable plans.

## STEP 4 Fertilization

24-26 hours post-OPU, our lab team fertilizes the oocytes with the sire(s) of your choice.



All semen types can be used: conventional, presorted and reverse sorted semen.

## STEP 6 Freezing & Predictions

We provide predictions on day 6 if fresh transfers have been arranged. Embryo freezing spans from days 6-8.



Embryos are frozen at a stage 6 or 7 only, allowing them to match well with 7 to 8 day heats for implant.

Our freezing time frame is extended due to our hormone-free OPU and the design of our proprietary culture media.

## STEP 7 Embryo Delivery

Fresh or frozen embryos are packaged and returned to your farm for implantation.

To ensure dependable, on time delivery, we do not use commercial carriers for fresh embryos. They will be delivered by a Vytelle employee or a trusted courier.