



Term Stim™

As long as there are eggs - there is hope

Each poor egg quality case is unique and, in effect, a research project focused on a single patient.

Term Stim™ adds reproductive-physiology research expertise and tools to complement your physician's clinical expertise, deepen the understanding of your case, and help create and carry out a fully customized treatment plan.

This handout is for educational purposes. Consult your doctor for personalized advice.

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non-reimbursable by insurance

Term Stim™

Augmenting Clinical Expertise with Personalized Research



Term Stim™ is a specialized reproductive-physiology service provided by your physician in collaboration with Texas-based Translational Fertility LLC. Its purpose is to achieve a deeper and more granular understanding of your individual reproductive physiology to help improve egg quality. The service is supported by Translational Fertility's reproductive-physiology experts using a software platform designed specifically for the research and management of poor-egg-quality cases.

Why Term Stim™ Was Recommended for You

When an IVF cycle ends with no embryos to transfer and poor egg quality is suspected, it can feel overwhelming. But as long as there are eggs, there is hope. Some patients simply need a more comprehensive study of how their unique ovarian physiology works.

Why the Name Term Stim™?

In obstetrics a newborn delivered fully developed referred to as term. Term Stim™ represents an ovarian stimulation approach that considers full physiological context of the specific patient.

Use of AI in Term Stim™

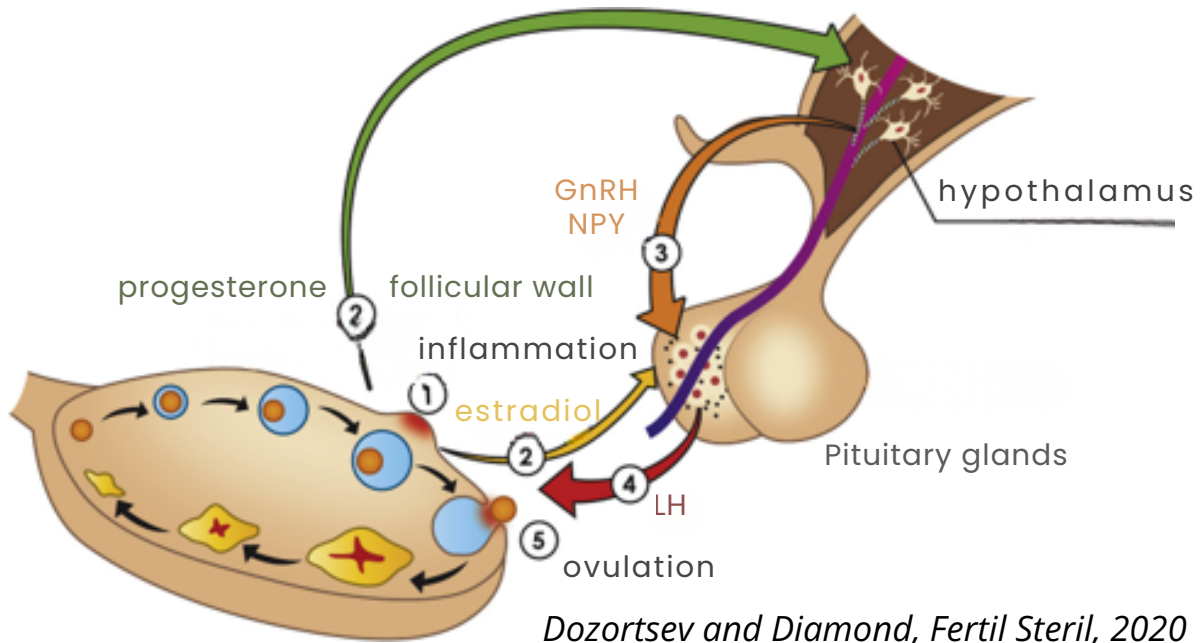
At this time, AI is not capable to automate analysis of poor egg quality cases, because each of them is unique. Therefore each case requires conventional, rigorous research by Translational Fertility experts.

Pricing

AFCT contracts with Translational Fertility LLC for a four-month Term Stim™ research-consulting package per individual case. Please speak with us about fees and payment arrangements.

Science behind Term Stim™

Updated reproductive physiology



Term Stim™ is rooted in a major scientific insight by world-renowned reproductive physiologist Dr. Dmitri Dozortsev, a founder of Translational Fertility LLC. His research in collaboration with Dr. Michael Diamond, resolved an 80-year-old paradox in reproductive physiology by re-interpreting several crucial mechanisms of the ovarian cycle which can influence egg quality. His work, published in leading peer-reviewed journals and described by the editors of *Fertility & Sterility* as “a sea change in reproductive physiology,”

1. Progesterone is a physiological trigger of ovulatory gonadotropins. Dozortsev D, Pellicer A, Diamond MP. *Fertil Steril*. 2020 May;113(5):923-924.
2. Two peas from the same pod: vanishing follicles and postmature oocytes. Dozortsev DI, Diamond MP. *Fertil Steril*. 2022 Jan;117(1):40-41.
3. Premature progesterone rise as a trigger of polycystic ovarian syndrome. Dozortsev DI, Pellicer A, Diamond MP. *Fertil Steril*. 2020 Nov;114(5):943-944.
4. Term oocyte maturation and term ovarian stimulation: impact on oocyte competence. Dozortsev DI, Pellicer A, Diamond MP. *Fertil Steril*. 2020 Aug;114(2):221-222.
5. Oscillations of estradiol and gonadotropins are a missing link to solving the mystery of mono-ovulation in humans. Dozortsev DI, Pellicer A, Diamond MP. *Fertil Steril*. 2021 Sep;116(3):630-632.
6. Luteinizing hormone-independent rise of progesterone as the physiological trigger of the ovulatory gonadotropins surge in the human. Dozortsev DI, Diamond MP. *Fertil Steril*. 2020 Aug;114(2):191-199.
7. Ovulation and birth after administration of progesterone trigger—two case reports. Villar L, Tralik B, Diamond MP, Allon M, Maldonado I, Dozortsev DI. *J Assist Reprod Genet*. 2023 May;40(5):1037-1044.
8. Term Stimulation – two case reports. Villar L, Diamond MP, Maldonado I, Dozortsev D. *Journal of IVF-Worldwide*. 2023;1(1-3).

What to expect

Steps

- First, at your physician's request, Translational Fertility will determine whether you are a candidate for the Term Stim™ service. If your case is not accepted, no report will be issued and you will not be charged.
- The Term Stim™ process begins with a Diagnostic Cycle, during which your natural menstrual cycle is studied over about one month to reveal aspects of your unique ovarian physiology that are important for customizing your treatment cycle.
- The information collected during the Diagnostic Cycle is then analyzed together with your previous IVF responses, your reproductive history, and other contributing factors. The goal is to understand your ovarian physiology in its entirety.
- Using this comprehensive profile, your physician designs a personalized ovarian stimulation plan to support egg development in a way that is expected to improve egg quality and ultimately increase the likelihood of achieving a successful pregnancy and birth.
- During the treatment cycle, whenever new information about your response becomes available, it is reviewed by Translational Fertility and your physician to determine whether any adjustments are needed.

Involvement and Compliance

Term Stim™ requires greater engagement and strict adherence. You'll need to be available, patient, and prepared for more appointments and to follow your provider's recommendations closely.

Setting Expectations

In poor egg quality cases, outcomes are uncertain, and improvement cannot be predicted or quantified because each case is unique. Our promise is honest, disciplined, evidence-driven research with individualized steps that may improve your odds but do not guarantee success. In some cases, poor egg quality is intrinsic and cannot be changed. But the only way to find out is to try.

Availability of Service

At this time, most of our work cannot be automated, and we can assist with only a limited number of cases. As a result, a waiting period should be expected.