



WHY IS IN VITRO FERTILIZATION (IVF) SO EXPENSIVE?

California IVF: Davis Fertility Center, Inc. strives to make in vitro fertilization (IVF) a cost effective approach to maximizing the chances of pregnancy. We understand the additional stress finances place on patients wishing to get pregnant and that for many, the cost of starting or continuing treatment is a barrier to pregnancy.

Cost, Overhead and the Modern Embryology Lab

The combination of physician, embryologist and staff experience along with our modern embryology laboratory, which creates an environment that mimics the human body, is why we can help women get pregnant with in vitro fertilization (IVF). However, in addition to high staffing costs, maintaining a high tech lab contributes significant overhead and affects the cost of treatment. Major lab systems include the:

Air System – Designed by a specialized engineer, this system creates a positive airflow that pushes air out of the lab, limits temperature fluctuations within 1-2 degrees and constantly removes contaminants with four Hepa filtration units. It is inspected annually for clean air compliance and maintains a 96% seal from the outside world.

Gas System – The oxygen concentration of normal air is toxic to embryos. Specialized incubators, microscopes and handling techniques protect the embryos and maintain a gas mixer that optimizes growth.

Microscope System – Given the tiny size of embryos, high powered microscopes fitted with mechanical manipulation devices are required to perform treatments such as intracytoplasmic sperm injection (ICSI) or embryo biopsy for pre-implantation genetic diagnosis (PGD).

Safety System – This system continuously monitors the lab for proper air and incubator temperatures and gas levels as well as the liquid nitrogen level of frozen embryos and semen samples. If there is a power outage, our diesel generator automatically starts and can run for several days without refueling.

Pulling together all of the complexities of the modern embryology laboratory with the associated high costs of equipment and supplies is challenging and expensive. Fertility centers struggle with the demands of high overhead costs while trying to maintain affordable treatments at competitive costs. Quality equipment, supplies, and personnel cannot be compromised when our patients expect the best possible service.

California IVF: Davis Fertility Center, Inc. uses its modern embryology lab to increase the effectiveness of fertility treatment and patient pregnancy rates. If you have any questions regarding the embryology lab and its affect on the cost of treatment, please ask. We remain committed to helping patients realize the joy and miracle pregnancy can bring.

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