

# Services

## Diagnostic Services

- Ultrasound tracking of ovarian follicle development
- Specialized hormone analysis
- Complete sperm evaluation
- Sperm penetration assays

## General Fertility Treatment

- Ultrasound tracking of ovulation, with or without the use of various ovulation induction methods
- Intrauterine insemination (IUI)
- Sperm preparation/enhancement for IUI
- Donor insemination

## Assisted Reproductive Technologies

- In Vitro Fertilization with Embryo Transfer (IVF-ET)
- Oocyte Cryo Preservation
- Intracytoplasmic Sperm Insemination (ICSI)
- Blastocyst Embryo Transfer
- Gamete Intra-Fallope Transfer (GIFT)
- Zygote Intra-Fallope Transfer (ZIFT)
- Donor Oocyte Program
- Gestational Carrier Program
- Testicular Biopsy Program
- Pre-Implantation Genetic Diagnosis



**Bringing New Life  
to Orange County  
Since 1982**



**COASTAL  
FERTILITY  
Medical Center**

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# Building Families, Starting with Love



Welcome to Coastal Fertility Medical Center. Since 1982 we've worked with couples through the heartbreak of infertility diagnosis to hopeful and positive outcomes. We are committed to individualized treatment of infertility through a carefully timed and coordinated approach. We're proud of our overwhelming success in both treating and creating families.

With over 3,000 babies since inception, our record speaks for itself. There is more to treatment than just numbers. There are the equally important elements of compassion and understanding. Although our doctors are nationally recognized for their breakthrough achievements, their most important concern is your health, your hopes and your success in achieving a family.

## Financial Considerations

There is no denying that the decision to enter Fertility treatment requires a major commitment on the part of the patients seeking care and those involved in your treatment. There is a commitment of both time and emotion for all parties involved.

Coastal Fertility Medical Center participates in a wide of variety of insurance programs and will assist you in verifying the coverage you may be entitled to. For those patients who do not have insurance coverage for treatment, we offer financing options and our treatment packages are already discounted to make treatment affordable.

## Treatment Options

### Hi-Tech Options:

#### IVF – In Vitro Fertilization

IVF introduces eggs and sperm together in a cultured medium, where the chances of fertilization are greatly enhanced. The successfully fertilized eggs are observed microscopically, graded for quality and reintroduced to the mother's uterus.



#### ICSI – Intracytoplasmic Sperm Injection

A more aggressive approach, where individual eggs are microscopically inseminated with individual sperm. This process is particularly useful in cases where the sperm motility is poor, or where the exterior of the egg is difficult to penetrate.



#### Blastocyst Transfer Process

Cultured IVF eggs are allowed to grow and divide undisturbed for four to six days until they reach the blastocyst stage. These superior blastocysts are reintroduced into the uterus in smaller numbers – as few as two.



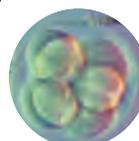
#### Donor Oocyte Program

With age, genetics, or other infertility problems, many women face difficulty producing quality eggs. Through oocyte donation, we can override the aging process and help couples conceive.



#### Pre-Implantation Genetic Diagnosis (PGS/PGD)

One of the latest breakthroughs in fertility treatment, Pre-Implantation Genetic Diagnosis, allows screening of embryos prior to implantation for genetic or chromosomal abnormalities in the embryo stage. Among the many benefits to this procedure is the ability to select the embryos least likely to have certain pre-disposed genetically-influenced disease conditions.



### Lo-Tech Options:

#### IUI – Intrauterine Insemination

Involves placement of sperm following separation from seminal fluid into uterine cavity. We do this in both medicated and natural cycles.

## Your Leader in Infertility Treatment

**Lawrence B. Werlin, M.D., F.A.C.O.G.**  
Reproductive Endocrinology, Infertility



Practicing in Orange County since 1982, Dr. Lawrence B. Werlin is a nationally noted specialist in Reproductive Endocrinology & Infertility. He is founder and Medical Director of Coastal Fertility Medical Center. Dr. Werlin was the Founder and Director of the Hoag Memorial Hospital Fertility Services, which started in Jan 1986. He also serves as Professor in the Division of Reproductive Endocrinology & Infertility at UCI, where he has been a member of the Clinical Faculty since 1982.

Dr. Werlin pioneered the use of Preimplantation Genetic Diagnosis (PGS/PGD) in Southern California, and is considered a nationally noted expert in its application. He was the principal investigator of three major PGD studies that are forging the way for the future of reproductive medicine. Dr. Werlin was honored as the recipient of the National Fellowship in Reproductive Medicine, and served as the National Fellow in Reproductive Medicine at the National Institutes of Health.

**Thom Nass, Ph.D., H.C.L.D.**  
Director, Clinical & Scientific Laboratories



Dr. Thom Nass completed his doctorate degree in reproductive sciences at the University of Wisconsin in 1980. He established the IVF laboratory at UCLA Medical Center in 1983, prior to moving to Berkeley where he was the IVF laboratory director at Alta Bates Medical Center for 11 years. While in Berkeley Dr. Nass served as a consulting laboratory director for seven fertility clinics throughout California, Nevada, New Mexico and Colorado. He also helped to establish the Northern California Association of Reproductive Biologists and served as its president from 1991-1992. In 1995 he joined Dr. Werlin as the Laboratory Director at Coastal Fertility Medical Center.

He is a member of the American Society for Reproductive Medicine, the Society for the Study of Reproduction and the Endocrine Society. Dr. Nass is also certified as a High-Complexity Laboratory Director (HCLD) by the American Board of Bioanalysis.