www.genprime.com

GenPrime
FERTILITY
LOS ANGELES

Future parents, meet the future of fertility

At GenPrime, we are dedicated to helping
you achieve your dreams of parenthood.


Elevate your fertility
journey with us.

GenPrime

Your Family, Your Choice

GenPrime: Your Family Planning Partner.

Choosing to start a family is a monumental decision, and at GenPrime, your dreams are our mission. Whether motivated by career, health, or timing, we understand the personal and diverse paths to parenthood. Our advanced preservation techniques empower you to decide when to start your family.

As a global assisted reproductive clinic network, genprime provides one-stop cross-border assisted reproductive health services for families with childbearing needs. Genprime will set up more than 30 reproductive clinics around the world, provide you with unified high-quality medical standard services, and effectively improve the overall success rate of customers through the world's advanced AI solutions.

> At GenPrime, we aim to expand the range and accessibility of premium family planning services. Starting a family is an exciting major life decision. We want to ensure that you have all the information and support that you need.

GenPrime Fertility Los Angeles (GPLA)

GenPrime Fertility Los Angeles (GPLA) is a trusted leader in reproductive and gynecological care, recognized worldwide for its pioneering approach and expertise in assisted reproduction. As one of the largest and most respected medical groups in the field, GPLA is known for its commitment to academic excellence and advanced fertility care, making it a global authority in helping individuals and families achieve their dreams of parenthood.

Personalized Cutting-edge Fertility Treatment just for you

GenPrime Fertility Los Angeles (GPLA) is part of the GenPrime global network of IVF centers and is a high-end reproductive and gynecological medical center in the United States. Our medical team is led by GPLA's Medical Director, Dr. Pravin T. Goud, and includes some of America's top reproductive and gynecological medical experts, embryologists, and a multilingual medical team. GPLA has made significant investments in medical facilities, laboratory equipment, treatment environments, and hospital locations, aiming to provide comfortable, high-quality medical services and care experiences for individuals with higher needs.

Eight Core Advantages

- Global Fertility Network
- Pioneer IVF Center in the United States with a World-Class Medical Team
- Research Guided, Innovation Driven
- Dual Accreditation in Reproductive Medicine and Gynecology
- State-of-the-Art IVF Technologies
- Outstanding Success Rates Above the U.S. Average
- Advanced Embryology Laboratory
- Private, Warm, and Comfortable Environment

An Academic Medical Group Guided by Scientific Research

Solid Academic Foundation

As the Medical Director of GPLA, Dr. Pravin T. Goud's leadership in the U.S. reproductive field is widely recognized. His role in leading the medical team gives GPLA a unique significance.

Clinical Practice

Among the many IVF clinics in the U.S., GPLA stands out as a team truly committed to medical research and development, turning scientific achievements into effective medical solutions for our clients.

Integration of Research and Practice

Our core belief is to rely on a top-tier academic and medical team, deeply engaging in academic research and clinical practice. We aim to bring IVF technology back to its original mission—delivering true medical care, beyond commercial interests.

GPLA maintains close collaborations with multiple medical institutions across the United States, integrating research and clinical practice. This synergy ensures the application of advanced knowledge and contributes to the continuous development and progress of the reproductive medicine industry.

American Society for Reproductive Medicine (ASRM)

Centers for Disease Control and Prevention (CDC)

UC Davis Medical Center

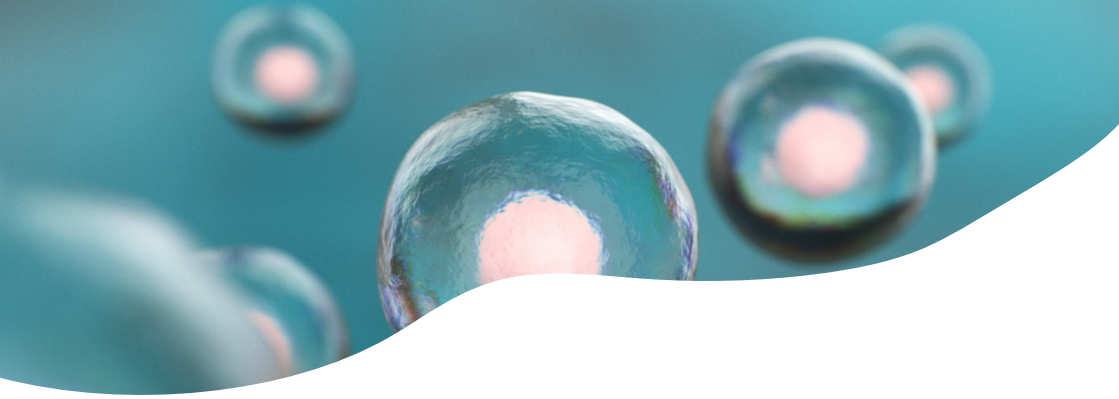
St. Mary's Hospital

North Bay Medical Center

Touro College of Osteopathic Medicine

California NorthState University Medical College

American Board of Obstetrics & Gynecology



Advancements in Third-Generation IVF Technology

Third-Generation IVF Technology can be categorized into:
PGT-M (Preimplantation Genetic Testing for Monogenic Disorders), and PGT-A (Preimplantation Genetic Testing for Aneuploidy)

PGT-M: Preimplantation Genetic Testing for Monogenic Disorders

PGT-M, also known as Preimplantation Genetic Diagnosis (PGD), is used when patients have a known risk of genetic disorders or other monogenic (single-gene) conditions. This testing method allows for the selection of embryos that do not carry specific genetic traits associated with these disorders.

PGT-M focuses on identifying single-gene disorders on specific chromosomes, making it particularly suitable for the following indications: chromosomal abnormalities, single-gene disorders, hereditary diseases, HLA matching and couples with affected children.

The primary goal of PGT-M is to reduce the likelihood of genetic disorders in newborns, offering families a chance to have healthy children free from inherited conditions.

PGT-A: Preimplantation Genetic Testing for Aneuploidy

PGT-A, also known as Preimplantation Genetic Screening (PGS) involves screening embryos for the structure and number of all 23 pairs of chromosomes to detect chromosomal abnormalities. It helps identify both numerical (aneuploidy) and structural chromosomal issues, ensuring that only chromosomally normal embryos are selected for transfer. This process increases the success rate of embryo implantation and reduces the risk of miscarriage.

Indications for PGT-A includes: women aged 38 and older, individuals with a history of unexplained recurrent miscarriages or implantation failure, severe male factor infertility, such as severe sperm abnormalities and couples with no genetic disease history but who seek optimal reproductive outcomes.

*Chromosomal abnormalities are a leading cause of IVF failure. For women over the age of 35, the likelihood of chromosomal normalcy (euploidy) decreases sharply, which is a major reason for implantation failures and miscarriages. PGT-A aims to address this by selecting embryos with a normal chromosomal complement, improving pregnancy outcomes.

Development of Third-Generation IVF Technology

1

First Generation IVF: Natural Fertilization

The first generation of IVF involves stimulating the ovaries to retrieve the woman's eggs, while sperm is collected from the man. In a laboratory setting, the eggs and sperm are combined, allowing for natural fertilization without any additional intervention. This approach relies on the sperm's ability to fertilize the egg naturally, mimicking the natural conception process as closely as possible but in a controlled environment.

2

Second Generation IVF: Arranged Fertilization

The second generation of IVF, commonly known as Intracytoplasmic Sperm Injection (ICSI), differs from the first generation in its approach to fertilization. Unlike the natural fertilization method of the first generation, ICSI involves injecting a single sperm directly into the cytoplasm of an egg. This method ensures that fertilization occurs, especially in cases where sperm may have difficulty penetrating the egg on its own.

3

Third Generation IVF: Optimal Reproduction

The hallmark of third-generation IVF is its use of preimplantation genetic testing (PGT), particularly PGT-M (Preimplantation Genetic Testing for Monogenic Disorders). In this process, a single cell is extracted from an embryo for genetic testing, allowing for a thorough analysis of its genetic makeup before implantation. This approach helps to identify and select embryos free of specific genetic disorders, ensuring that only healthy embryos are used for transfer.

GPLA
GenPrime Fertility Los Angeles

Global Group – United States

Centre Location

GenPrime Fertility Los Angeles (GPLA) is located in Anaheim, the "heart of Southern California". It is not only the birthplace of Disneyland, but also has a rich food culture. From local California cuisine to Arabian Peninsula snacks to Mexican flavors, food from different places is gathered here. There are many top attractions in California around the clinic, with pleasant scenery, convenient transportation, and shopping and leisure places. It is only 2.5 miles away from Disneyland and 15 miles away from the world-famous beaches in Southern California, making it a good place for City Walk.

Service Process

01

Registration
Fill in the registration form and submit a copy of passport and medical report

02

Consultation
1-to-1 consultation with the specialist

03

Cycle Planning
Plan for your cycle

04

Initial Visit before Period
Visit GPLA on the 2nd/3rd day of menstruation for initial screening

05

Stimulation (Ovulation Induction)
To be on medication for 8 – 10 days, 3 monitoring scans to be done before OPU

06

Fertilization
To proceed with OPU after stimulation is completed

07

Embryo Culture
To culture embryo to day 5 or 6, until the Blastocyst stage

08

PGS
PGS screening for biopsy samples from the blastocyst

09

Plan for Transfer
Arrange for embryo transfer cycle

10

First Visit before Transfer
Visit GPLA on the 2nd/3rd/4th day of menstruation for first scan

11

Endometrium Preparation
Take medication for about 14 days until the endometrium thickness reaches the ideal range

12

Pregnancy Test
First pregnancy test on day 9 post transfer

Our Doctors

Dr. Pravin T. Goud MD, PHD

Dr. Pravin T. Goud is a leading expert in the field of reproductive medicine, renowned for his exceptional care and innovative contributions to fertility treatments. With extensive experience in IVF and third-party reproduction, Dr. Goud combines compassionate care with scientific precision. He earned his medical degree from Seth GS Medical College in Mumbai and his Ph.D. from Ghent University in Belgium.

As a highly published researcher with over 1,600 citations, Dr. Goud has received numerous awards and is a certified High Complexity Laboratory Director. In addition to his clinical and research expertise, Dr. Goud is a dedicated educator, serving on the faculty at the University of California, Davis, Wayne State University, Touro University, and Northstate University College of Medicine.

Our Doctors

Dr. Zi Tao Liu, MD

Zitao Liu, MD, PhD, FACOG, is a distinguished American reproductive endocrinologist and fertility specialist. As a board-certified physician in Obstetrics and Gynecology, Dr. Liu is an advocate for mild stimulation in assisted reproductive technology (ART). He is dedicated to offering personalized treatment plans by integrating his extensive bench research expertise with broad clinical experience.

Dr. Liu employs innovative protocols, advanced techniques, and refined skills alongside the full spectrum of standard infertility treatments. He specializes in managing patients with diminished ovarian reserve and polycystic ovarian syndrome. His technical expertise includes performing transabdominal oocyte retrieval, oocyte retrieval under local anesthesia, embryo transfer guided by transvaginal ultrasound, and vaginoscopy.

With a profound understanding of reproductive medicine at the molecular and cellular levels, Dr. Liu brings a solid foundation in research to his clinical practice. During his PhD studies at Wayne State University, MI, he focused on preimplantation embryonic development, placental cell differentiation, and cell cycle regulation. His postdoctoral research at Vanderbilt University further explored uterine responses during embryo implantation.

Guided by the philosophy of "learning from nature and adapting to circumstances," Dr. Liu approaches infertility treatment and fertility preservation with a thoughtful and patient-centered perspective.

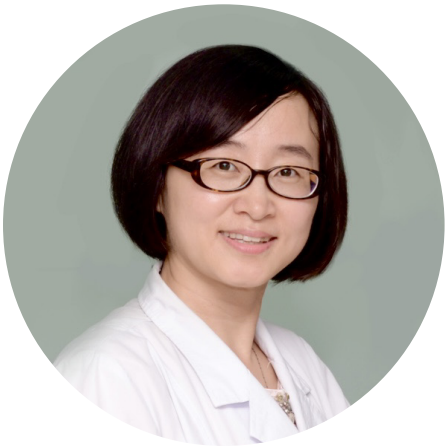
Our Doctors

Dr. Ning Tang, Ph.D

Dr. Ning Tang is a senior embryologist at Genprime Fertility Los Angeles, holding a PhD in Cell Biology and serving as a member of the International Society for Reproductive Genetics (ISRG). Dr. Tang has over 20 years of extensive experience in the field of assisted reproductive technology and laboratory management. He previously served as the Laboratory Director at a reproductive center in China for over a decade before relocating to the United States.

Dr. Tang's expertise lies within laboratory core techniques and lab management, such as but not limited to semen processing, retrieval of oocyte, assisted hatching, biopsy, blastocyst culturing, QA and QC. Dr. Tang pushes for the highest pregnancy rate possible and strives to ensure his team continue to excel at the highest standard.

Our Doctors



Dr Xiao Mei Zhang

Dr. Xiao Mei Zhang is an accomplished reproductive medicine specialist and ultrasound diagnostician at GFC, with over 20 years of experience in clinical practice, scientific research, and medical management in assisted reproductive technology (ART). She is a member of the International Society for Reproductive Genetics (ISRG) and a certified member of the American Registry for Diagnostic Medical Sonography (ARDMS).

Dr. Zhang earned her Ph.D. in Obstetrics and Gynecology from Jilin University and the Eastern Virginia Medical School (EVMS) and completed further studies at Yale University's Center for Reproductive Health in 2015 as a visiting scholar. With a decade as Director of a leading reproductive center in a top-tier Chinese hospital (formerly at Jiangsu Province's Subei People's Hospital), she has expertise in ovarian stimulation, embryo transfer protocols, and various ART clinical procedures, including ultrasound diagnostics, egg retrieval, embryo transfer, and multifetal reduction. She has also served as a reviewer for China's National Natural Science Foundation and Postdoctoral Foundation and as an editorial board member for Reproduction & Contraception.

Why Choose IVF in the United States?

The United States Has Progressive and Well-Established Assisted Reproduction Laws

In some countries, pursuing IVF requires a marriage certificate and proof of fertility, making it inaccessible for LGBTQ+ individuals, single people, and those living with HIV. However, the more progressive and well-established assisted reproduction laws in the United States provide a ray of hope for these groups. In the U.S., it is legally possible to use third-party assisted reproduction, pursue surrogacy, and choose the gender of the child, offering the highest level of protection for prospective parents.

The U.S. Leads the World in IVF Technology

The U.S. began utilizing preimplantation genetic testing (PGT), also known as third-generation IVF technology, as early as the 1990s. Over 30 years of development have kept the country at the forefront of embryo screening technologies. As a U.S.-based institution, GPLA holds a leadership position in the field of IVF, known for its advanced technology and academic excellence.

Children Born in the U.S. Automatically Become U.S. Citizens

U.S. citizenship offers numerous advantages, including visa-free access to 186 countries and the ability for children to sponsor their parents for permanent residency when they turn 21. Additionally, U.S. citizens benefit from 12 years of free public education and priority admission to top American universities, providing a bright start for your child's future.

We are here to help

Families Facing Fertility Challenges
Indications: Women of advanced maternal age, recurrent miscarriages, chromosomal abnormalities, polycystic ovary syndrome (PCOS), premature ovarian failure, endometriosis, and carriers of genetic disorders. These families, who have long struggled with fertility challenges, can now successfully achieve their dream of having their own children.

Single Individuals
GPLA offers services such as sperm freezing and egg freezing, helping single men and women preserve their optimal fertility. Additionally, GPLA provides IVF, cell donation, and third-party assisted reproduction services, allowing single individuals to legally have their own children.

Patients with Multiple IVF Failures
Under the leadership of GPLA's Global Medical Director, Dr. Pravin T. Goud, the GPLA medical team excels in addressing complex cases that have resulted in multiple failed IVF cycles.

Our Services

Examination and Consultation

Female Examinations

- Hormone level testing
- Endometrial assessment
- Post-coital test
- Immunological testing
- Chromosome structure and number analysis
- Ultrasound examination
- Hysterosalpingography (HSG)
- Recurrent miscarriage evaluation
- Laparoscopy
- Hysteroscopy
- Sonohysterography

Male Examinations

- Semen analysis report
- Antibody testing
- Chromosome structure and number analysis
- Sperm chromatin testing

Assisted Reproduction

Third-Generation IVF Technology

- Preimplantation Genetic Testing for Aneuploidy (PGT-A)
- Preimplantation Genetic Diagnosis (PGT-M)
- Next-Generation Sequencing (NGS)
- The use of PGT-A, PGT-M, and NGS technologies effectively increases implantation success rates, reduces miscarriage rates, and lowers the risks of birth defects and genetic disorders, ensuring optimal reproductive outcomes.

Second-Generation IVF Technology

- Intracytoplasmic Sperm Injection (ICSI)

Third-Party Assisted Reproduction

Cryopreservation Technologies

Sperm Freezing

Freezing sperm at its peak quality effectively preserves male fertility.
Embryo Freezing
Freezing high-quality embryos for future use.

Egg Freezing

As women age, the quality and quantity of their eggs decline, particularly after age 35. It is recommended that women without immediate plans for childbearing consider egg freezing during their optimal reproductive years to preserve their fertility.

Case Studies

Case Study: Twin Brothers Born through IVF in the United States

Case Study: Successful Implantation of Boy-Girl Twins in a Single Transfer

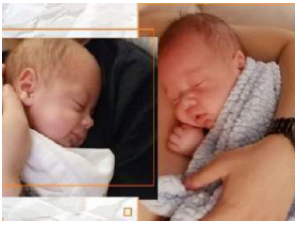
Success Stories















Medical Advice Disclaimer

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Thank You

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