

NEWSLETTER

Issue 1, Volume 1, September 2025

GBR FERTILITY CENTRE

CHENNAI | TIRUPATTUR | NELLORE



EDITORIAL BOARD

Two decades ago, GBR Fertility Centre began with a vision: to bring scientific rigor and genuine compassion to every fertility journey. Today, we stand proud—accredited, acclaimed, and more committed than ever. This newsletter is our tribute to the trust you've placed in us, the families whose lives we've touched, and the future we continue to shape—together.

Edited and prepared by Dr. G Buvaneswari and Dr. B Sindhuja

INTRODUCTION

Celebrating 20 Years of Trust, Care & New Beginnings

This year marks a proud milestone in the journey of GBR Fertility Centre as we complete 20 years of compassionate care and excellence in reproductive medicine. Since our inception, our mission has been to bring hope and happiness to couples on their path to parenthood, blending advanced science with a personal touch.

Over the past two decades, GBR has grown into a trusted name in fertility care, guided by innovation, ethical practice, and a commitment to success. From pioneering treatments to individualised patient care, we continue to stand as a beacon of hope for families across the country.

As we step into our 21st year, we celebrate the countless lives touched, the dreams fulfilled, and the unwavering trust of our patients. This anniversary is not just a celebration of years, but of every little heartbeat we helped bring into the world.

FOUNDERS



Dr. G Buvaneswari
Founder, Clinical Lead &
Medical Director



Flight Lieutenant L Ramesh
Director & CEO



KEY MOMENTS

Celebrating 20 Years! Since 2005...

GBR Fertility Centre has been serving families since 2005, growing steadily with expertise, innovation, and compassion.

A Legacy of Milestones

Over the years, GBR has garnered numerous honors and certifications:

- **First Russian National IVF baby born in Chennai**
- ISAR Accreditation & ISO 9001:2015 Certification
- NABH Entry-Level Accreditation
- Consistent recognition as a top standalone IVF clinic by Times of India (2014–2024)
- Multiple national awards including Times Healthcare Achievers and Economic Times' Best IVF Clinic (South)
- Recognition from WhatClinic.com (“**Best Customer Care**”) and global distinction as a World's Greatest Brands & Leaders awardee
- **Delivering Excellence & Affordability.** GBR has uniquely balanced advanced reproductive technology with affordability—committed to ensuring finances never obstruct parenthood.
- **Accessible Expertise Across Regions** With branches in Chennai, Tirupattur, and Nellore, GBR extends world-class fertility care to a broad community.
- **Personalised, Compassionate Care** Beyond medicine, the power of GBR lies in its empathetic approach—driven by leaders like Dr.G. Buvaneswari who personally guide each patient, and by building trust one family at a time.

A Journey Shared Together

This newsletter is more than a publication—it's a heartfelt “thank you” to patients, staff, partners, and well-wishers. It reflects our gratitude and intent to continue advancing reproductive excellence guided by warmth and integrity



FACILITIES AVAILABLE

Two decades ago, GBR Fertility Centre began with a vision: to bring scientific rigor and genuine compassion to every fertility journey. Today, we stand proud—accredited, acclaimed, and more committed than ever. This newsletter is our tribute to the trust you've placed in us, the families whose lives we've touched, and the future we continue to shape—together.

Obstetrics & Gynaecology Services

- Complete women's health care from adolescence to menopause
- Antenatal care, safe delivery & high-risk pregnancy management
- Management of PCOS, fibroids, endometriosis & menstrual disorders
- Preventive health check-ups, Pap smear & cancer screening

Advanced Laboratory & Procedures

- State-of-the-art IVF Lab with stringent quality control
- Time-lapse embryo monitoring
- Preimplantation Genetic Testing (PGT)
- Andrology Laboratory Procedures (ALP) for semen analysis & advanced sperm function tests
- Embryo & gamete cryopreservation

Training & Education in Reproductive Medicine

- ICOG accredited fellowship programs in Reproductive Medicine
- Hands-on training in ART, IUI, IVF & endoscopy
- National & international workshops and CMEs
- Research & academic collaborations

Reproductive Medicine & Fertility Care

- Intrauterine Insemination (IUI)
- In-Vitro Fertilization (IVF) & Intracytoplasmic Sperm Injection (ICSI)
- Blastocyst culture & transfer for improved success
- Donor programs (egg, sperm, embryo donation)
- Fertility preservation (egg, sperm & embryo freezing)
- Male infertility treatments – TESA, PESA, Micro-TESE
- **Stem Cell Therapy/PRP** in infertility & endometrial rejuvenation
- Surrogacy

Endoscopy & Minimally Invasive Surgery

- Hysteroscopy for uterine evaluation & correction
- Laparoscopy for infertility, fibroid, cysts & endometriosis, Ovarian endometrial rejuvenation
- Minimally invasive procedures ensuring faster recovery

Patient-Centric Care

- Fertility counseling & psychological support by expert
- Nutrition, lifestyle & wellness guidance
- Comfortable and confidential consultations
- 24/7 patient care & support



TEAM



Dr. G Buvaneswari

MBBS, DGO, DNB(OG),
Dip ALS(Germany),
AMRCOG(UK), FICOG

**Infertility Specialist,
Laparoscopic &
Robotic Surgeon**



Dr. J Christina

MBBS, MD(OG)

**Senior Infertility
Consultant
(Tirupathur)**



Dr. Mopati Uma

MBBS, DGO

**Obstetrician &
Gynecologist
(Nellore)**



Dr. B Sindhuja

MBBS, MS(OG),
Fellowship in
Reproductive Medicine

Infertility Consultant



Dr. Chandrasekaran

MBBS, DPM, PhD

**Male Infertility
Specialist**



Dr. S V Priyanka

MBBS, MS(OG)

**Resident Fellow
Consultant**



Dr. B Sugetha

MBBS, MS(OG)

**Resident Fellow
Consultant**



**Dr. Devarapalli
Venkata Ratnam**

MBBS, MS (OBG)

**Resident Fellow
Consultant**



OUR CENTRES



CHENNAI

HIG – 1027, 6Th Main Road, Mugappair Eri Scheme, Mugappair West, Chennai – 600 037, TN, India

contact@gbrclini.com

+91 99401 05555



TIRUPATTUR

VKS Towers, No.99/1, Chairman Duraisamy Road, Krishnagiri Road, Tirupattur-635602, TN, India. Landmark: Next to Hotel Hills, Tirupattur.

contact@gbrclini.com

+91 91596 60455



NELLORE

16/2/254, Swatantra Park Road, Gandhinagar, Pogathotta, Brindavan Colony, Nellore – 524001, AP, India (Opp. Sai Baba Temple)

contact@gbrclini.com

+91 95004 44140



FOLLOW US ON SOCIAL MEDIA



SUCCESS STORIES

Precision, Perseverance, and Parenthood A Genetic Success Story at GBR Fertility Centre

Expertly managed by Dr. G. Buvaneswari, Senior Fertility Consultant

At GBR Fertility Centre, science and compassion converge to turn heartbreak into hope, and challenges into triumphs. One of the most inspiring journeys in recent months has been that of a couple who faced repeated genetic hurdles and reproductive loss — and yet, through the skilled hands and compassionate guidance of Dr. G. Buvaneswari, they are now embracing the joy of a healthy, thriving pregnancy.

From Heartbreak to Hope: A Complex History

The couple, married since 2011 and presenting with secondary infertility, approached GBR Fertility Centre in 2023 after experiencing a deeply complex obstetric and genetic history. Their first natural conception in 2012 ended tragically at 20 weeks due to a diagnosis of bilateral multicystic kidney disease (MCKD). A second natural conception in 2015 resulted in preterm twin girls born at 34 weeks. Over the years, both children developed global developmental delays, short stature, frequent respiratory infections, and multiple café-au-lait spots — raising suspicion of an underlying genetic syndrome.

Precision Genetics: A Roadmap Forward

Understanding the complexity of their case, GBR personally ensured a stepwise, evidence-based approach. The couple was referred for comprehensive genetic testing, including Whole Exome Sequencing (WES) and carrier screening, which revealed a combination of autosomal dominant and recessive gene mutations. These findings placed any future pregnancy at high risk — nearly 50% chance of recurrence of serious genetic conditions.

With clarity and compassion, Dr. Buvaneswari guided the couple toward IVF with Preimplantation Genetic Testing (PGT-A and PGT-M) to carefully screen embryos before implantation — a decision that would ultimately prove life-changing.

Oocyte retrieval was successfully completed in December 2023, followed by embryo testing. Two embryos, SP3 and SP4, were found euploid, and a first transfer was done in May 2024. Although the result was negative, Dr. Buvaneswari and team remained vigilant and proactive.

Further evaluation revealed bilateral tubal salpingitis, for which the patient underwent hysterolaparoscopy with bilateral tubal disconnection in June 2024. This intervention helped prepare the endometrial environment for a more favorable outcome.



Not stopping there, the remaining five embryos were sent for PGT-A and PGT-M, and three more euploid embryos were identified.

In February 2025, a second embryo transfer was performed. This time, hope turned into reality — the serum beta-hCG level of 1271 confirmed a positive pregnancy.

A Pregnancy Progressing with Promise

Follow-up assessments painted a reassuring picture. Ultrasound showed a single live intrauterine pregnancy,

and NT measurement was 1.73 mm — within normal range. Both the first-trimester screening and Non-Invasive Prenatal Testing (NIPT) returned negative results. A detailed anomaly scan later confirmed a healthy, structurally normal fetus.

As of now, the patient is 32 weeks pregnant with a thriving intrauterine gestation — a moment of triumph built on years of endurance, guided by the highest standards of reproductive care.

Leadership in Fertility Science: Honoring Dr. G. Buvaeswari

This extraordinary journey would not have been possible without the clinical expertise, unwavering commitment, and personalized care provided by Dr. G. Buvaeswari. Her meticulous approach to fertility treatment, deep knowledge of reproductive genetics, and compassionate patient care were pivotal in guiding this couple through an emotionally and medically complex path.

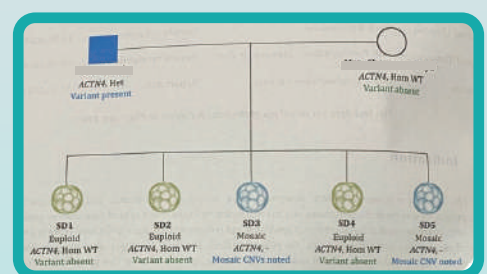
She continues to embody the ethos of GBR Fertility Centre: to deliver evidence-based, ethically guided, and emotionally supportive fertility care to every couple who walks through its doors.

A New Life on the Horizon

This success story is not just about achieving pregnancy — it is about restoring hope where it was nearly lost, using the power of science, skill, and compassion. With a healthy pregnancy now well into the third trimester, this couple's journey stands as a shining example of what modern fertility medicine can achieve when paired with the right team and the right guidance.

At GBR Fertility Centre, we celebrate this victory — and reaffirm our commitment to helping more families realize their dream of parenthood.

Genes	Inheritance	Type	Pragathi	Praganya	Mother	Father
Gene ACTN4*	AR/AD	Uncertain sig	+	+	-	+
Gene FCFR2*	AR/AD	Uncertain sig	+	+	+	-
Gene KLX4	AD	Likely Pathogenic	---	---	---	+
Gene STRC	AD	Likely Pathogenic	---	---	---	+
Gene COL17A1	AD	Likely Pathogenic	---	---	---	+



When the Odds Were Low, GBR Reached Higher A Journey from Azoospermia to Pregnancy

This couple came to GBR Fertility Centre with four years of marriage, countless unanswered questions, and a quiet but powerful hope — the dream of becoming parents. The young couple had been navigating the lonely path of primary infertility, holding onto the belief that something, somewhere, might still be possible.

The wife, strong in spirit and otherwise healthy, had regular cycles and was managing her hypothyroidism with care. But it was the husband's diagnosis that shook them: azoospermia — a condition where no sperm is present in the semen. It's a word that echoes fear for many couples, often accompanied by the devastating thought that biological parenthood might no longer be possible.

But GBR Fertility Centre sees challenges differently. Under the empathetic and expert care of Dr. G. Buvaneswari, the couple was given something they had nearly lost: belief. At GBR, there's a core philosophy that sets it apart — that every couple deserves a chance to have a child with their own biological gametes, and every possible path toward that goal should be explored before considering alternatives.

Instead of suggesting donor sperm, the team acted with clinical courage and compassion. The husband was placed on hormonal therapy, and the decision was made to proceed with ICSI using TESE (Testicular Sperm Extraction) — a delicate but potentially life-changing procedure to retrieve sperm directly from the testes.

And then came the moment that changed everything.

Sperm was found.

ICSI was performed.

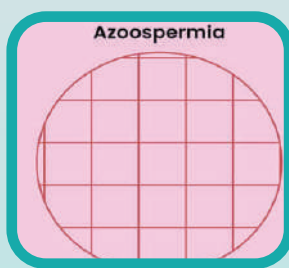
And finally, after years of emotional endurance — the pregnancy test turned positive.

That single beta-hCG result carried more than just medical significance; it carried four years of waiting, wishing, and not giving up. It carried GBR's promise — that as long as there's a chance, they will walk every step with you to make it happen.

This isn't just a clinical success. It's a love story, a resilience story, and a reminder that miracles don't just happen — they are made, with heart, science, and never-ending belief.

At GBR, they don't just treat infertility.

They restore hope. They protect dreams. GBR never rushes to alternatives — they strive to exhaust every possibility with the couple's own gametes, honoring both their hopes and their biology.



"From One Embryo to One Beautiful Life" **A Couple's Journey Through Infertility to Parenthood at GBR Fertility Centre"**

After six long years of heartache and uncertainty, a couple in their early thirties arrived at GBR Fertility Centre, clinging to one final thread of hope. Their journey had been marked by a natural conception in 2018 that ended in a left-sided ectopic pregnancy, irregular menstrual cycles, and a long-standing diagnosis of hypothyroidism. Despite undergoing six follicular scans and two failed IUI attempts elsewhere, they were left with more questions than answers.

A Deeper Look at the Root Cause

At GBR, under the meticulous care of Dr. G. Buvaneswari, their story began to change. A comprehensive evaluation revealed a subtle chromosomal variant in the wife's karyotype (46XX,9qh-), a finding that may impact embryo development but is often missed. Dr. Buvaneswari, known for her expertise and patient-centered approach, recommended IVF with ICSI, supported by Preimplantation Genetic Screening (PGS) to ensure the selection of a healthy embryo.

The Power of One

Of the four embryos tested, only one — MS1 — was found to be chromosomally normal (euploid), with a favorable Mitoscore of 0.0023, while the others showed multiple chromosomal abnormalities.

A Miracle Unfolds

Trusting in that one precious embryo, proceeded with a Frozen Embryo Transfer (FET) — and hope turned into reality. The result? Positive.

The pregnancy was closely monitored. Each scan, each heartbeat, brought renewed hope. And in due time, the couple welcomed a healthy baby girl, born at term, weighing 3.6 kg — a perfect picture of health and happiness.

Gratitude Beyond Words

This remarkable success is a testament to the power of personalized treatment, scientific precision, and unwavering belief. For this couple, and many others like them, GBR Fertility Centre proved that sometimes, all it takes is one good embryo — in the right hands — to bring a lifelong dream to life.



WHERE EXPERTISE MEETS EXCELLENCE

Our Specialized Services:

- Intra Uterine Insemination (IUI)
- In Vitro Fertilisation (IVF)
- Intracytoplasmic Sperm Injection (ICSI)
- Laser Assisted Hatching (LAH)
- Donor Sperm | Oocyte
- Embryo Donation & Adoption
- Surrogacy (Only for Indian Citizens)
- Freezing – Sperm | Embryo & Vitrification
- Andrology Services
- Intracytoplasmic Morphologically Selected Sperm Injection (IMSI)
- Percutaneous Epididymal Sperm Aspiration (PESA)
- Testicular Sperm Aspiration (TESA)
- Computer Assisted Semen Analysis (CASA)

Advanced & Differentiated Clinics

- RIF | POR | POF Clinic
- OncoFertility
- Fertility Preservation
- Genetics
- Stem Cell

Sub Super Specialty Clinics

- Fertility
- Male Infertility
- PCOS
- Endometriosis
- Gynecology

Our Differentiated Services:

- Endometrial Receptivity Array (ERA)
- Pre-Implantation Genetic Diagnosis (PGD)
- Pre-Implantation Genetic Screening (PGS)
- Ovarian Rejuvenation – Platelet Rich Plasma (PRP)
- Testicular Cell Preservation
- Fertility Well Being – For Her & Him
- Social Oocyte Freezing

Our Tertiary Clinics & Academic Programs

- **Recurrent IVF Failures | POR & POF Clinic:** GBR runs specialised clinics and structured programs in treating patients with these conditions
- **Genetics & Stem Cell Therapy:** GBR does all the advanced fertility management procedures which include PGS, PGD, ERA, PRP & Stem Cell Therapy
- **Male Infertility Clinic:** GBR runs a focused clinic for managing infertility in male through its clinical team and industry partners
- **Fertility Preservation Clinic:** GBR has established a Fertility Preservation Clinic
- **Gynec Robotic Surgery:** GBR undertakes Robotic Surgeries covering Myomectomy & Hysterectomy @ Partner Hospitals located in Chennai
- **Academics & Research:** ICOG – Fellowship in Reproductive Medicine

Our Surgical Services:

- Tubal Cannulation | Recanalization
- Laparoscopy
- Hysteroscopy
- Myomectomy

Our Advanced Services:

- Uterine Transplants
- Stem Cell Therapy
- Fertility Preservation
- Robotic Gynecology Surgeries



CONCLUSION



“Two decades of dedication, countless families—and yet, our journey is just beginning.

As we step into year 21, we remain dedicated to every heartbeat we nurture, every dream we uphold, and every family we welcome. Thank you for trusting us to walk this most precious journey with you.”

Dr G Buvaneswari
Founder | Clinical Lead | Medical Director

As we reflect on these past two decades, our greatest achievement is not measured in years, but in the thousands of dreams realized and the families we have had the honour to help build. From the bottom of our hearts, we thank you—our patients, your families, and our dedicated staff—for trusting us with your most precious hopes. Your courage and resilience have been our constant inspiration. Here’s to the families of yesterday, today, and tomorrow. The next chapter begins now.

Flight Lieutenant L Ramesh
Director & CEO

