## Jaime M. Vasquez, MD, Reproductive Endocrinologist and Infertility Specialist with Center for Reprod

Get to know Reproductive Endocrinologist and Infertility Specialist Dr. Jaime M. Vasquez, who serves the population of Tennessee.



Endocrinologist at the Center for Reproductive Health, and is affiliated with Tristar Centennial Medical Center. Dr. Jaime M. Vasquez is a vastly experienced reproductive endocrinologist, has been in practice for more than three decades. His long and successful medical career began in 1974 when he graduated from the Faculty of Medicine at the Pontifical Catholic University of Chile in Santiago. Upon relocating to the United States, Dr. Vasquez completed residencies in the University of Maryland Health System and at Wayne State University Hospital in Detroit, Michigan.

Dr. Vasquez is double board certified in both Obstetrics and Gynecology and Reproductive Endocrinology & Fertility, and it is in this latter field that he has become an internationally renowned expert. He diagnoses and treats a wide range of conditions relating to fertility, including assisted reproductive technologies (ART) involving the direct manipulation of eggs, sperm, and embryos for use in infertility treatment. Types of ART performed by Dr. Vasquez include sperm, egg, and embryo freezing for fertility preservation, in vitro fertilization (IVF), intracytoplasmic sperm injection (ICSI), assisted hatching (AH) of embryos, and embryo transfer (ET). Newer assisted reproductive technologies utilized by Dr. Vasquez include such powerful techniques as trophectoderm cell sampling, genomic hybridization, preimplantation genetic screening (PGS), comprehensive chromosome screening (CCS) for chromosomal and genetic evaluation that allows the patient to choose normal blastocysts and avoid chromosomal anomalies (i.e., Down's syndrome) as well as preimplantation genetic diagnosis (PGD) to preclude specific Mendelian genetic inheritance (i.e., Cystic Fibrosis, Alpha Thalassemia, Sickle Cell Disease). Additional successful ART technologies include mitochondrial DNA analysis to select viable blastocysts that are most likely to become a healthy live birth.

Some forms of ART are also used with regard to fertile couples for genetic reasons including single genomic sequencing and the option of gender selection to exclude X-linked recessive traits (i.e., Hemophilia A (Factor VIII deficiency) or B (Factor IX deficiency) or family balancing (controlled sex selection for family harmonizing gives parents more control of the composition of their family). ART is also used for couples who are discordant for certain communicable diseases; for example, HIV to reduce the risk of infection when a pregnancy is desired. Third Party Reproduction is the technology used to achieve pregnancy in procedures such as sperm or egg donation, embryo adoption, and surrogacy.

## Learn More about Dr. Jaime M. Vasquez:

Through his findatopdoc profile, <a href="https://www.findatopdoc.com/doctor/1442152-Jaime-Vasquez-Nashville-TN-37203">https://www.findatopdoc.com/doctor/1442152-Jaime-Vasquez-Nashville-TN-37203</a> His profile with Northeast Medical Group, <a href="https://www.northeastmedicalgroup.org/physicians/joanne-passalacqua.aspx">https://www.northeastmedicalgroup.org/physicians/joanne-passalacqua.aspx</a>,

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