

James A Grifo, M.D., Ph.D.

As a practicing physician-scientist, Doctor Grifo has extensive experience in the treatment of couples with infertility. Since August 1995, Dr. Grifo has been the Director of the Division of Reproductive Endocrinology at the NYU School of Medicine, where he also holds the faculty appointment of Professor of Obstetrics and Gynecology. He received his M.D. and Ph.D. degrees at Case Western Reserve Medical School and completed his residency at Cornell University Medical Center. After completing a Fellowship in Reproductive Endocrinology at Yale University in 1990, he returned to Cornell and established a medical practice specializing in the treatment of infertility in the Division of Reproductive Endocrinology. He is Board Certified in Obstetrics and Gynecology and Reproductive Endocrinology, as well as being certified by the Accreditation Council for Gynecologic Endoscopy.

The NYU clinical practice sees more than 2000 couples per year. From 1995 through 2016, the program performed greater than 27,900 retrievals and greater than 12,000 babies. The Program has done over 3000 elective egg freezing cycles and has over 190 babies from the approximately 350 oocyte-thaw cycles. In addition, there is a very active research program which has played a major role in the division throughout its existence and serves as an important part of the commitment to furthering patient care. It has enabled the team to pioneer new innovations in areas such as preimplantation genetic diagnosis (PGD/PGT-A), blastocyst culture and oocyte freezing. There have been hundreds of papers published on infertility research conducted in the laboratories at the NYU Fertility Center. Dr. Grifo's research focuses on the use of PGD/PGT-A, Germinal Vesicle Transfer as an alternative to Egg Donation, Egg freezing, and Stem Cells. The work on of pre-implantation genetic diagnosis demonstrates a deep commitment to translational research, utilizing basic science research to affect the quality of life for so many people. Dr. Grifo has focused in the area of pre-implantation genetic diagnosis since 1988 and his team had the first successful delivery in the United States from the embryo biopsy procedure in 1992. Subsequently, there have been more than 1400 babies born from the newer PGT-A method using NGS from trophoctoderm biopsy samples as a testing platform. He has served as an ad hoc reviewer for NEJM, JAMA, Human Reproduction, Obstetrics and Gynecology, and Fertility and Sterility. In 1994, Dr. Grifo's research paper, "Healthy Deliveries from Biopsied Human Embryos," was awarded the SART prize at the annual ASRM meeting. He has over 197 publications in peer reviewed journals as well as many book chapters.