

Download The Genetics Of Male Infertility

Diagnoses that can have genetic causes include men nonobstructive azoospermia (no sperm count), oligospermia (low sperm count), and congenital absence of the vas deferens. A list of some of the best-described causes of genetic male infertility and their frequencies and associated conditions are listed in Table 1. The genetic landscape of male infertility is highly complex as semen and testis histological phenotypes are extremely heterogeneous, and at least 2,000 genes are involved in spermatogenesis. Genetics of male infertility Our Male Infertility Specialist: Yefim R. Sheynkin Make an Appointment It is clear that a significant proportion of infertile male with azoospermia and severe oligospermia have a genetic etiology for reproductive failure. INTRODUCTION. Common Genetic Causes of Male Infertility. Chromosomal anomalies and microdeletions of the azoospermia factor (AZF) regions of the Y chromosome are the only commonly known genetic causes of spermatogenic failure. The frequency of these two genetic anomalies increases with the severity of the spermatogenic defect,...