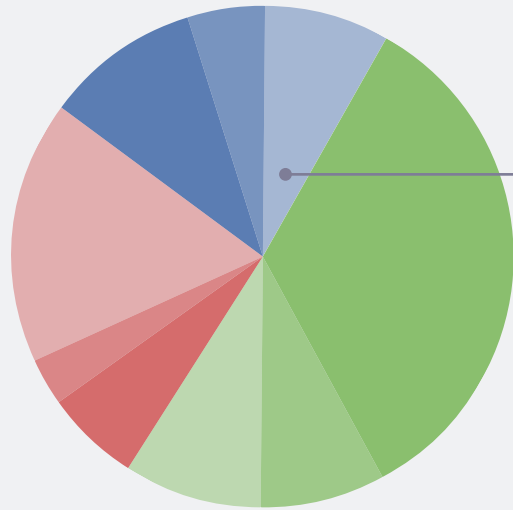




MALE FACTOR INFERTILITY



Causes of male infertility



Nutritional issues



Genetic disorders



Obesity



Endocrine disorders

8%
Other causes



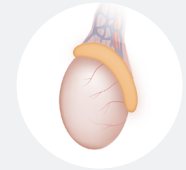
Steroid use



Sperm quality



Medications, supplements, drug use



Structural issues

34% Unexplained

8% Undescended testicles

9% Urogenital infection

6% Sexual factors

3% Systemic disease

17% Varicocele

10% Hypogonadism

5% Immune system factors

Assessment

History and physical examination	<ul style="list-style-type: none"> History: sexual development, severe systemic illness or trauma, infections, surgical procedures, drugs and environmental toxins, sexual history Physical: complete physical exam, assess for obesity, endocrine disorders, general health
Semen analysis	<ul style="list-style-type: none"> Collected after 2–4 days of ejaculatory abstinence Evaluation of semen volume, pH, sperm count, concentration, motility, morphology, and leukocytes
Ultrasound of accessory glands and ducts	To rule out structural issues
Genetic testing	To rule out genetic disorders, such as Klinefelter syndrome
Endocrine testing	To assess total testosterone, LH, FSH, and additional labs as indicated