Male Infertility Algorithm

One year of failure to conceive if female partner <35 years old or 6 months of failure to conceive if female partner ≥35 years old

Male and female evaluated in parallel including male reproductive history

At least one abnormal semen analysis or abnormal male reproductive history

No

Primary evaluation/management of female partner

Oligozoospermia

Initial hormonal evaluation (FSH, T)

Further male evaluation and management. Consider IUI or IVF±ICSI

No

Failed IUI or IVF±ICSI or RPL

Yes

Complete male evaluation with:
- History
- Semen Analysis
- Physical Exam

Normozoospermia

Treatment of abnormal factors or management with IUI or IVF±ICSI

Non-Obstructive

Categorize azoospermia with FSH, exam, and T

Obstructive

Azoospermia

Genetic (CF) testing for congenital cases of obstruction

Sperm retrieval or microsurgical reconstruction

Consider diagnostic and/or therapeutic biopsy if FSH & testicular volume normal but no clinical evidence of obstruction

IUI: Intrauterine Insemination
IVF: In Vitro Fertilization
ICSI: Intracytoplasmic Sperm Injection
RPL: Recurrent Pregnancy Loss
FSH: Follicle-Stimulating Hormone
T: Testosterone
CF: Cystic Fibrosis

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