

## STANDARD TREATMENT WORKFLOW (STW)

### Male Infertility

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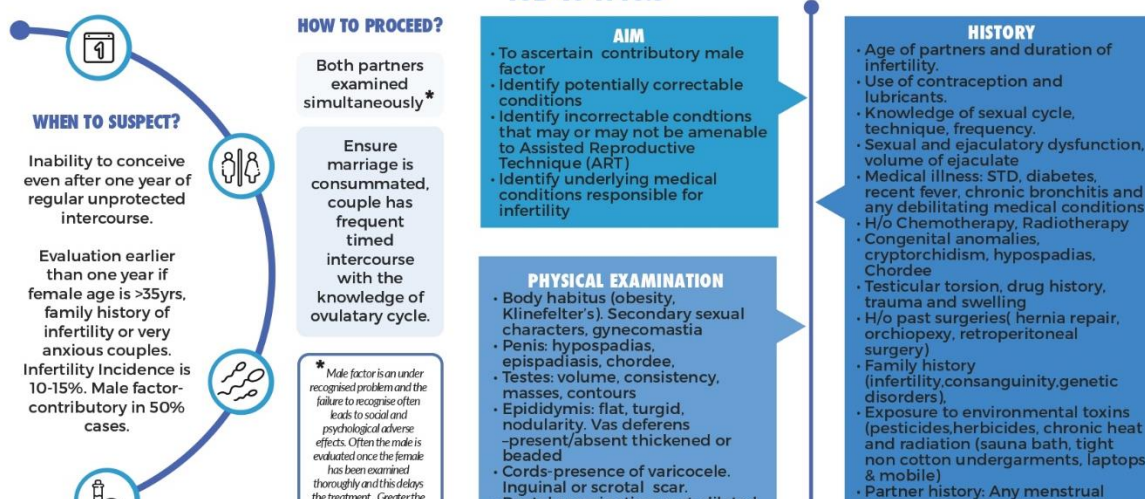
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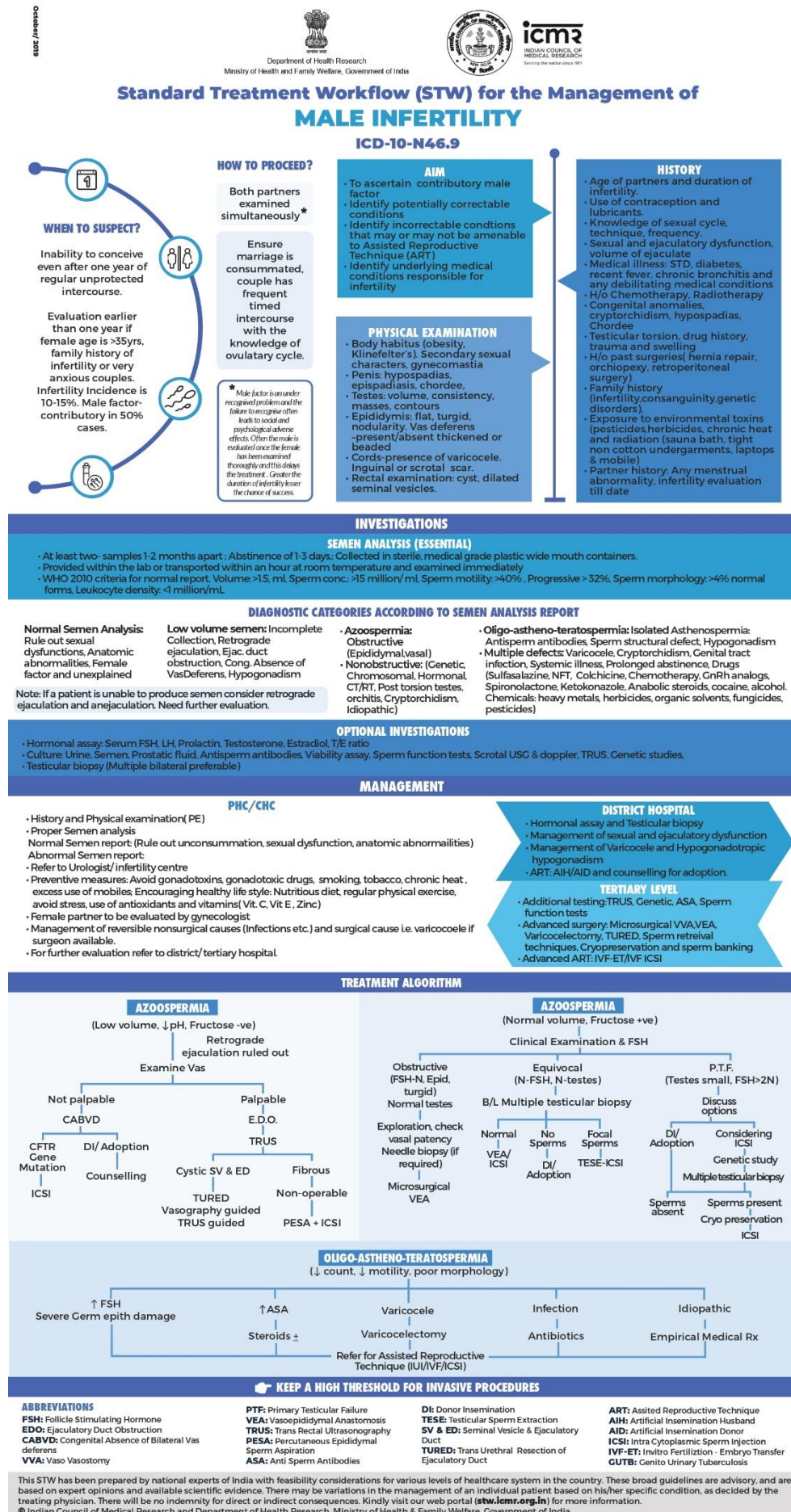


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## Standard Treatment Workflow (STW) for the Management of MALE INFERTILITY

ICD-10-N46.9





#### AZOOSPERMIA

(Low volume, ↓ pH, Fructose -ve)

Retrograde ejaculation ruled out

Examine Vas

Not palpable  
CABVD  
CFTR Gene Mutation  
ICSI

Palpable  
E.D.O.  
TRUS  
Cystic SV & ED  
TURED  
Vasography guided  
TRUS guided

Fibrous  
Non-operable  
PESA + ICSI

#### AZOOSPERMIA

(Normal volume, Fructose +ve)

Clinical Examination & FSH

Obstructive (FSH-N, Epid, turgid)  
Normal testes  
Exploration, check vasa patency  
Needle biopsy (if required)  
Microsurgical VEA

Equivocal (N-FSH, N-testes)  
B/L Multiple testicular biopsy  
Normal VEA/ICSI  
No Sperms  
D/I/Adoption  
Focal Sperms  
TESE-ICSI

P.T.F. (Testes small, FSH>2N)  
Discuss options  
D/I/Adoption  
Considering ICSI  
Genetic study  
Multiple testicular biopsy  
Sperms absent  
Sperms present  
Cryo preservation  
ICSI

#### ABBREVIATIONS

FSH: Follicle Stimulating Hormone  
EDO: Ejaculatory Duct Obstruction  
CABVD: Congenital Absence of Bilateral Vas deferens  
VVA: Vaso Vasostomy

PTF: Primary Testicular Failure  
VEA: Vasopididymal Anastomosis  
TRUS: Trans Rectal Ultrasonography  
PESA: Percutaneous Epididymal Sperm Aspiration  
ASA: Anti Sperm Antibodies

DI: Donor Insemination  
TESE: Testicular Sperm Extraction  
SV & ED: Seminal Vesicle & Ejaculatory Duct  
TURED: Trans Urethral Resection of Ejaculatory Duct

ART: Assisted Reproductive Technique  
AIH: Artificial Insemination Husband  
AID: Artificial Insemination Donor  
ICSI: Intra Cytoplasmic Sperm Injection  
IVF-ET: In Vitro Fertilization - Embryo Transfer  
GUTB: Genito Urinary Tuberculosis