



Three Months Fellowship Course in
**Male
Infertility**



About Us

MHPro is a Continuing Medical Education (CME) platform to upskill healthcare professionals with evidence-based knowledge delivered online with immersive learning experience. The MHPro curriculum aims to prepare clinicians to master Basic Sciences, which then empowers them to deal with patients and their problems in a hospital or outpatient milieu. During the program, new clinical skills and considerable medical knowledge, and domain-specific core competencies will be stressed as clinicians acquire both diagnostic and therapeutic skills



MHPro is committed to a competency based curriculum. Learners will be graded and receive pertinent feedback

Welcome to MHPro





Course Introduction

Structured by renowned national and international experts in the field of Andrology, this course aims at providing basic and advanced knowledge in male infertility and sexual dysfunction with special emphasis on female sexual dysfunction. The course will empower clinicians to understand the core concepts, pathophysiology, diagnostic algorithms, and evidenced-based treatment along with recent advances in the field to upscale clinician knowledge and practice





Learning Objectives:

- Clinical Implications of Hypothalamus-Pituitary- Gonadal (HPG) axis
- Understanding the workup for male infertility, including the importance of the physical examination
- Semen analysis and its role in clinical diagnosis and decision making
- Restate the limitations of the primary semen analysis and importance of advanced semen analysis
- Assessment of common reversible causes of infertility and their treatments
- Recognize when to refer a patient for ART
- Understanding female sexual cycle
- Assessment of female sexual dysfunction and their treatments



Learning outcomes:

- Evaluation of male fertility with clinical diagnosis
- Select the appropriate diagnostic investigations for fertility evaluation and formulate a plan for management
- Selection of optimal method for the management of the infertile couple, surgically or medically, considering the specific characteristics of each case
- Recognize infertility due to a genetic basis
- Select the appropriate treatment methods for minimizing the psychological burden to the couple
- Evaluation of female sexual dysfunction with treatment



Program Director



Dr. S S Vasan

Uro-Andrologist & Medical Director,
Ankur Healthcare, Bengaluru, India
President SASSM



Course Directors



Dr. Peter HC Lim

Medical Director, Andrology,
Urology & Continence Centre,
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Dr. Rupin Shah

Consultant Andrologist &
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Who should take up this course?



Medical Graduates, PG Students in the field of Urology, General Surgery, Gynecology, and Reproductive medicine, Embryologists, Psychiatrists, Lab technicians in the field of Andrology and Embryology





Curriculum

Module Name	Chapter Name
The need for men's sexual health in today's era	• The case for men's health
Anatomy of Male Reproductive Tract	• Anatomy of the male reproductive system • Development of the Male Reproductive System • Spermatogenesis and Spermogenesis • Sperm Transport and Maturation
Physiology of male reproductive tract	• HPG axis in Men and its Role in Spermatogenesis • Seminal Plasma and Its Role
Pathology & Genetics in male reproduction	• Basics of genetic evaluation of an infertile male:
Semen Analysis and practical utility	• Semen Analysis: Practical aspects • Interpretation Of Abnormal Semen Analysis • WHO 5th & 6th Manual - Differences and Clinical Implications
Advanced Sperm Function Tests and Techniques	• Male factor in recurrent pregnancy loss





Curriculum

Module Name	Chapter Name
Medical Management of an Infertile Male: Non Azoospermic	• Functional tests on sperm - Evidence and role in infertility • Donor Insemination - Principles of banking and Optimizing Success
Optimising Male Infertility Practice	• Overview of IUI vs IVF vs ICSI and guidelines for clinical practice • ART law in India and ethics in management
Advances in Andrology and Change in Practice Patterns	• Male Infertility guidelines
Female Sexual Dysfunction: FSD	• History, Investigation & classification of the problem • Medical Management of Female Sexual Dysfunction: Critical Evaluation of Drugs • Urological issues with Sex
Case Discussions	• Male Infertility clinical cases
Azoospermia Evaluation and Management	• Practical Management of Azoospermia





Certificate Sample



USA | INDIA | UAE | UK

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