

**COURSE MODULE | HSA Health Services Academy Approval**

**Course Director: Dr Adnan Jabbar | MBBS, Clinical Embryologist**

**Target Audience: Doctors, OBGYNs, Resident OBGYNs, Post-Graduate Trainers etc.**

**Course Parent Category : Clinical Embryology**

**Course Sub-Category : Andrology & IUI**

**Day 1: Introduction to Andrology**

- Semen analysis: Techniques, interpretation and report
- Basics of male anatomy and physiology
- Collection of semen and its handling
- Quality control in Andrology lab

**Day 2: Semen Preparation**

- Semen washing and processing
- Sperm counting and motility assessment
- Sperm morphology evaluation
- Introduction to cryopreservation techniques

**Day 3: Andrology Techniques**

- Assessment and management of male infertility
- Hormonal evaluation of male fertility
- Diagnostic tests in Andrology
- Introduction to microsurgery and sperm retrieval techniques

**Day 4: IUI Techniques**

- Introduction to IUI
- Patient preparation for IUI
- Semen collection protocols
- Female patient preparation for IUI
- Basic fertility topics to discuss with patients

**Day 5: IUI Techniques continued**

- Sperm preparation for IUI
- Catheterization techniques

- Post-IUI care
- Review and summary of course topics

Table of Topics:

Day	First Half	Second Half
Day 1	Introduction to Andrology	Semen analysis techniques and report interpretation
Day 2	Semen preparation techniques	Sperm counting and motility assessment
Day 3	Assessment and management of male infertility	Diagnostic tests in Andrology
Day 4	Introduction to IUI	Patient and semen preparation for IUI
Day 5	Sperm preparation for IUI	Catheterization techniques and post-IUI care