CORE CONCEPT

Fertility and IVF Centre Management Course: Embryology Lab, Cycle Scheduling and Outcomes

20 – 24 September 2027
Amsterdam - Zuidas business district hotel

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Ref: 1982_29347 **Date:** 20 – 24 September 2027 **Location:** Amsterdam - Zuidas business district hotel **Fees:** 23500 SAR

Introduction:

Fertility and IVF centre management, covering embryology lab operations, cycle scheduling and outcomes, is a 1-week course for fertility centre directors, embryology laboratory managers and ART administrators, ending with an IVF Centre Operating and Outcome Reporting Plan for a case centre. Centres lose cycles when theatre lists overflow, witnessing steps are skipped, frozen embryo inventories drift from consent records and success rates carry unclear denominators. Nominees already run a centre, its laboratory or its patient office, and learn through case studies on cycle calendars, witness logs and outcome data. CoreConcept Training Center delivers this fertility and IVF centre management course.

Course Objectives:

- Assess the service lines, patient pathway and cycle volumes of an IVF centre and record a current-state baseline
- Apply good practice recommendations and laboratory performance indicators to embryology lab premises, culture systems and staff competency
- Plan cycle start calendars, daily theatre lists and egg collection and embryo transfer slots against laboratory capacity
- Operate a witnessing and labelling routine that keeps chain of custody intact for gametes and embryos at every critical step
- Control cryostorage inventory, storage consent terms and renewal and disposal records for frozen eggs, sperm and embryos
- Report success-rate KPIs with stated denominators, prepare registry outcome submissions and set treatment package prices from cycle costs

Target Audience:

- Centre management staff responsible for service lines, budgets, staffing and outcome performance of a fertility centre
- Embryology laboratory management staff responsible for lab quality control, witnessing practice and cryostorage
- Patient office and administration staff responsible for cycle bookings, consent records and treatment packages
- Quality and data staff responsible for KPI dashboards, registry submissions and audit follow-up in assisted reproduction
- Nursing coordination staff responsible for cycle calendars, theatre lists and patient communication across the pathway

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Course Outline:

Day 1: IVF Centre Service Model, Patient Pathway and Current-State Review

- ART Service Lines From Ovulation Induction to Freeze-All Cycles
- Patient Pathway Map From First Consultation to Pregnancy Test
- Centre Roles for Clinicians, Embryologists, Nurses and Counsellors
- Treatment Cycle Volume, Cancellation and Drop-Out Baseline Review
- Current-State Assessment Checklist for an IVF Centre

Day 2: Embryology Laboratory Good Practice and Performance Indicator Frameworks

- IVF Laboratory Good Practice Recommendations for Premises and Air Quality
- Incubator, Culture Media and Time-Lapse Monitoring Control Records
- ART Laboratory Performance Indicators With Reference and Benchmark Values
- ART Clinic Indicators for Cumulative Live Birth and Multiple Pregnancy
- Embryologist Competency Assessment and Inter-Observer Grading Agreement

Day 3: Cycle and Theatre Scheduling, Witnessing and Chain of Custody

- Cycle Start Calendar Batching and Daily Theatre List Planning
- Egg Collection and Embryo Transfer Slot Capacity Model
- Double Witnessing Checkpoints From Egg Collection to Transfer
- Electronic RFID Witnessing Versus Manual Witness Record Sheets
- Gamete and Embryo Labelling Rules and Mismatch Investigation

Day 4: Cryostorage Inventory, Consent Control, Outcome Reporting and Pricing

- Liquid Nitrogen Dewar Inventory Audit and Low-Level Alarm Monitoring
- Open Versus Closed Vitrification Carrier Storage Decisions
- Storage Consent Terms, Renewal Reminders and Disposal Records
- Live Birth Rate Denominators and Registry Outcome Data Submission
- IVF Treatment Package Pricing With Cycle Cost Build-Up

Day 5: Case Study Build of the IVF Centre Operating and Outcome Reporting Plan

- Case Centre Theatre List and Witnessing Gap Review
- Case Cryostorage Inventory Reconciliation and Lapsed Consent Actions
- Case Outcome Dashboard With Single Embryo Transfer Rate
- Case Package Price Review Against Cost per Cycle
- Operating and Outcome Reporting Plan Completion and Peer Review

Skills You Will Gain:

- IVF Patient Pathway Mapping
- Embryology Lab Indicator Monitoring
- Theatre List and Cycle Calendar Planning
- Gamete and Embryo Witnessing Control
- Cryostorage Inventory Reconciliation
- Storage Consent Record Management
- ART Outcome Data Reporting
- Fertility Treatment Package Costing

Why Attend This Course:

- Present an IVF Centre Operating and Outcome Reporting Plan to the medical director, laboratory director and centre owner for approval
- Decide how many cycles, theatre sessions and transfer slots the centre can accept each week from laboratory capacity and staffing data
- Avoid identification errors, unconsented stored samples, cancelled cycles and success-rate claims that cannot be defended to patients or auditors
- Equip embryologists, nurses and patient office colleagues with the witnessing checklist, dewar audit sheet and KPI dashboard used in the case study

Conclusion:

Back at work, the participant presents the IVF Centre Operating and Outcome Reporting Plan to the medical director, the laboratory director and the centre owner. They use it to set the cycle calendar and theatre capacity, tighten witnessing and labelling controls, reconcile the cryostorage inventory with consent records, agree the KPI set and its denominators and revise package prices. After the first quarter under the plan, the centre should compare cancelled cycles, witnessing exceptions, lapsed consents and reported outcomes with the baseline and adjust the controls that have not held.

Frequently Asked Questions FAQ:

What should participants know before a fertility and IVF centre management course?

Participants should already run part of a fertility centre, such as the embryology laboratory, cycle bookings, consent records or outcome reporting. No clinical training is required. Bringing anonymised cycle calendars, storage inventories or KPI reports from their own centre makes the case study work more useful.

How does fertility and IVF centre management differ from a general clinic or laboratory management course?

It deals with what only an assisted reproduction centre faces: cycle and theatre timing tied to the embryology laboratory, witnessing of gametes and embryos, long-term cryostorage under consent, and success rates reported per cycle or transfer. General clinic and laboratory courses cover appointment books, analysers and routine quality control.

Why does fertility and IVF centre management insist on stating the denominator of a success rate?

A live birth rate per embryo transfer is always higher than the same rate per cycle started, because cancelled cycles and failed retrievals drop out. Stating the denominator, patient age band and cycle type keeps comparisons fair and protects the centre from misleading claims.

What do participants take back from the fertility and IVF centre management course?

Participants take back an IVF Centre Operating and Outcome Reporting Plan for a case centre, with a theatre and cycle capacity model, a witnessing checklist, a cryostorage and consent reconciliation sheet, a KPI dashboard and a package costing template.