

**Online ART Training**

**Module 1A: Routine Semen Analysis**



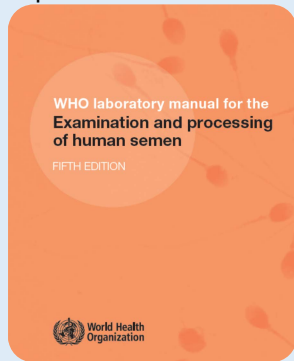
**Learn from the Leaders in Andrology and ART Training:**

Since its inception in 2003, our [ART training program](#) has been offering a unique opportunity to learn the latest techniques in routine and advanced andrology along with the full spectrum of embryology-focused technology. In the last 17 years, we have successfully trained over 210 candidates from more than 45 countries.

Due to COVID-19 pandemic, we are now pleased to offer our world class ART training course in a new online format. The monthly training will cover 10 different modules that include routine (manual and automated semen analysis, sperm morphology and other ancillary tests) and advanced tests (sperm DNA fragmentation, seminal oxidation-reduction potential) in andrology as well as all ART-related lab procedures such as: ICSI, assisted hatching, embryo biopsy, PGD, vitrification, sperm preparation and gamete cryopreservation.

**Learning Objectives of Module 1A**

- COVID-19 safety procedures for lab personnel and patients
- Daily quality control
- Collection and delivery of semen sample
- WHO 2010 reference values
- Manual semen analysis
- Automated semen analysis
- Quality assurance methods for semen analysis
- Proficiency testing for sperm concentration and motility
- Interpretation of lab results
- Take home message



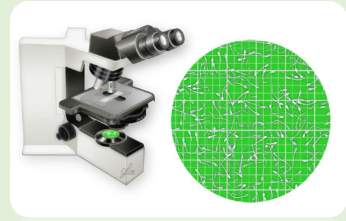
**Who Can Apply:**

Biologists, laboratory technologists, embryologists, undergrad life science students, andrologists, veterinarians, medical graduates, researchers, scientists, physicians and others with an interest in learning the latest in andrology and embryology lab protocols from practicing andrologists, renowned clinical embryologists as well as IVF and male infertility specialists.

**About the Training:**

Module 1A: Manual Semen Analysis  
 Date: Tuesday, November 10, 2020  
 Time: 9:00 am – 11:00 am EST

- Attendance is free-of-charge, participants will not incur any course fee
- A new course module will be available monthly
- Certificate of attendance is available\*



**Training Goals:**

Learn about routine semen analysis including proper semen collection, measurement of volume, pH, viscosity, manual and automated sperm count and motility using sperm counting chambers, and preparation of seminal smear for morphology.

**Educational Tools:**

Moderated session with short PowerPoint presentations, video demonstration of lab techniques, Q&A and trouble-shooting advice.

**About the Training:**

- Simple online registration. [Click here to register](#)
- Submit latest curriculum vitae; color, passport size photograph, copy of valid driver's license for US citizens and passport for overseas citizens. Email to [crm@ccf.org](mailto:crm@ccf.org)

**Each Participant will Receive:**

- Handbook of Andrology, 2nd Edition, 2010: Published by: The American Society of Andrology (E-book)
- WHO Laboratory Manual for the Examination and Processing of Human Semen. 5th Edition, 2010 (E-book)
- Full protocol of lab procedures (E-file)



**\*Certificate of Attendance:**

Certificates will be issued to those who pass an online multiple choice test, conducted after the course, based on the educational content covered during the virtual course. There will be 50 questions with 4 possible responses and one correct answer. A passing rate of >75% will be used as a criteria for the award of the certificate. There will be no negative marking for incorrect answers.