

# AMERICAN CENTER FOR REPRODUCTIVE MEDICINE

Online ART Training

Module 1B: Sperm Morphology



Learn from the Leaders in Andrology and ART

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

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 8 different modules in 14 virtual

sessions 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 prep and gamete cryopreservation.

# About the Training:

Ralf Henkel

Module 1B: Sperm Morphology
Date: Tuesday, December 8, 2020
Time: 9:00 am – 11:00 am EST

 Attendance is free-of-charge, participants will not incur any

• A new course module with be available monthly

• Certificate of attendance is available\*

## **Training Goals:**

course fee

Learn WHO Strict Criteria for evaluation of sperm morphology. Gain proficiency in identifying normal and abnormal forms by use of optical micrometer in digital and stained smears used for teaching purpose.

#### **Educational Tools:**

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

# Learning Objectives of Module 1B

- Develop an understanding of sperm morphology (WHO 5th edition)
- Staining protocol

**Training:** 

countries.

- Learn the use of Strict Criteria
- External Quality Control (EQC) in sperm morphology
- Troubleshooting tips





# **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 (or) valid driver's license with picture (or) national identification card with picture for overseas citizens. Email to 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. 5<sup>th</sup> Edition, 2010 (E-book)
- Full protocol of lab procedures (E-file)

# WHO laboratory manual for the Examination and processing of human semen RETH EDITION World Health Organization

## 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.

# \*Certificate of Participation:

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 ≥60% will be used as a criteria for the award of the certificate. There will be no negative marking for incorrect answers.