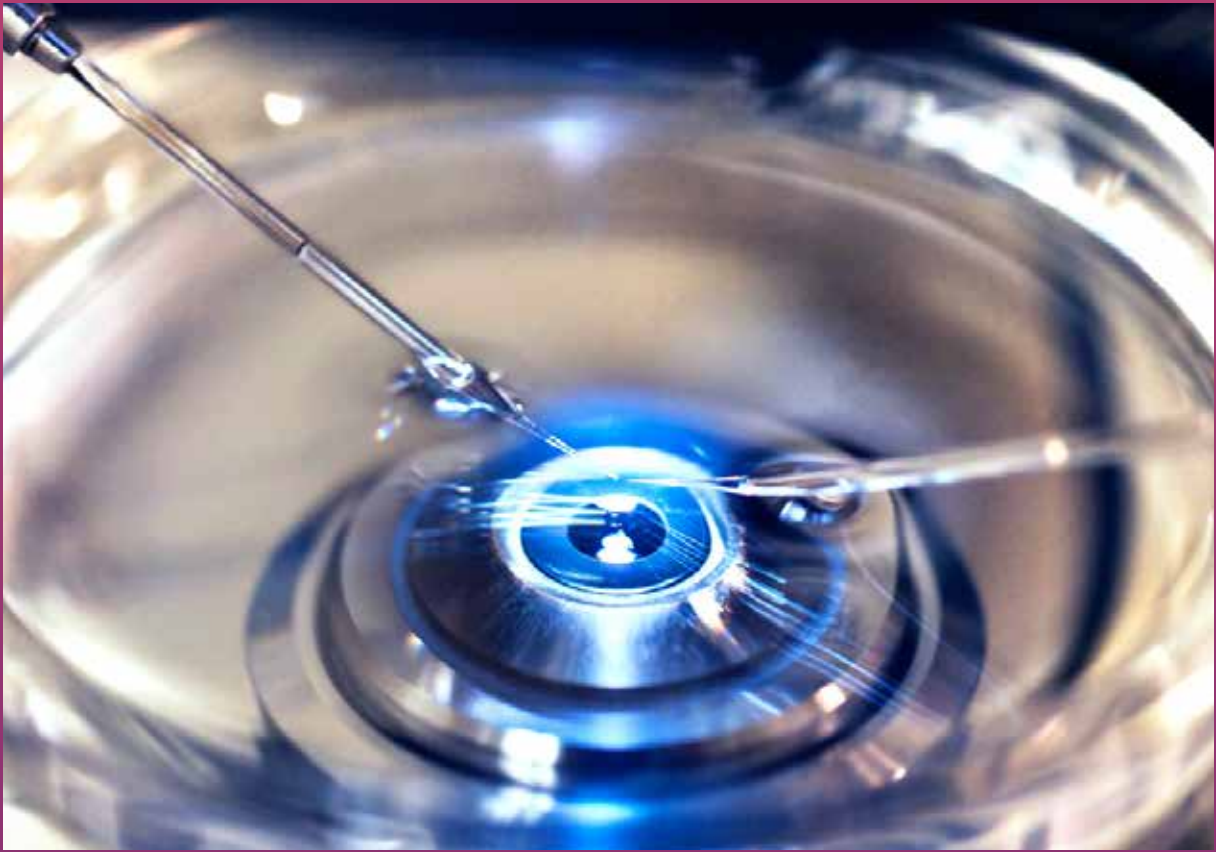


2020  
YEARS

5<sup>th</sup>  
UPPER EGYPT  
**ASSISTED REPRODUCTION**  
CONFERENCE



# ART LAB OPTIMIZATION TIPS & TRICKS

MONDAY, 17, FEBRUARY, 2020  
HILTON CAIRO HELIOPOLIS (EX FAIRMONT) CAIRO, EGYPT



PROF.  
DAVID MORTIMER 



PROF.  
SHARON MORTIMER 

# **ART Lab Optimization - Tips & Tricks**

**Dr David Mortimer & Dr Sharon Mortimer  
Oozoa Biomedical, Vancouver, Canada**

**The workshop will explain the basic principles of ART lab optimization and provide practical advice on how to optimize ART laboratory systems and operations. Each session will include an introductory presentation followed by interactive discussions with the participants and responses to questions.**



09:00 – 09:20  
**REGISTRATION**

09:20 – 09:30  
Introduction to the  
Workshop

**Dr. DAVID MORTIMER**



09:30 – 10:00  
Principles of ART lab  
process optimization

**Dr. DAVID MORTIMER**

10:00 – 10:45  
Equipment calibration and Failure  
Modes & Effects Analysis basics

**Dr. SHARON MORTIMER**



10:45 – 11:30  
Oocyte retrieval

**Dr. DAVID MORTIMER**

11:30 – 12:00  
**REFRESHMENT BREAK**



12:00 – 13:00  
Sperm preparation

**Dr. SHARON MORTIMER**

13:00 – 13:45  
IVF insemination / ICSI

**Dr. DAVID MORTIMER**



13:45 – 14:30  
Fertilization checks

**Dr. SHARON MORTIMER**

14:30 – 15:00  
**REFRESHMENT BREAK**



15:00 – 15:45  
Embryo culture

**Dr. DAVID MORTIMER**

15:45 – 16:30  
Embryo assessment

**Dr. SHARON MORTIMER**



16:30 – 17:00  
Embryo transfer

**Dr. DAVID MORTIMER**

17:00 – 17:30  
Dish preparation

**Dr. SHARON MORTIMER**



17:30 – 18:00  
**OPEN DISCUSSION**

18:00  
**LUNCH**



**Hard copy handouts of the presentations will be provided at the start of the Workshop.**

**Recommended background reading:**

- Cairo 2018 Consensus Group. 'There is only one thing that is truly important in an IVF laboratory: everything'. Cairo Consensus Guidelines on IVF Culture Conditions, Reprod Biomed Online in press, 2019.
- Mortimer ST, Mortimer D. Quality and Risk Management in the IVF Laboratory, 2nd edition. Cambridge University Press, Cambridge (UK), 2015.

**5<sup>th</sup>**  
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**ART LAB OPTIMIZATION**  
**TIPS & TRICKS**



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