

Advanced computer aided semen analysis course - April, 25th



| | |
|-------------|---|
| 9:00-9:30 | Introduction. Survey results from user needs. |
| 9:30-10:30 | <p>Motility and concentration analysis.</p> <ul style="list-style-type: none"> • General overview: Microscope settings, good image quality, intelligent filter, hardware. • Configuration settings: Frame rate, number of images and others. • Low concentration: Advanced analysis. • Viscous samples: ViscoFlux. • Sperm Functional Test: Mucous penetration, hyperactivation. • Tips and tricks for a good analysis. |
| 10:30-11:00 | Coffee break. |
| 11:00-12:00 | <p>Morphology analysis.</p> <ul style="list-style-type: none"> • General overview: Microscope settings, good image quality, stains. • New USB camera at 60x. • Motorized stage analysis. • Tips and tricks for a good analysis. |
| 12:00-12:30 | <p>Vitality analysis.</p> <ul style="list-style-type: none"> • New BrightVit stain and FluoVit. • Manual counter. • Tips and tricks for a good analysis. |
| 12:30-13:00 | <p>DNA fragmentation analysis.</p> <ul style="list-style-type: none"> • New GoldCyto DNA analysis: when is necessary and why. • Tips and tricks for a good analysis. |
| 13:00-13:30 | <p>Acrosome reaction analysis.</p> <ul style="list-style-type: none"> • New FluoAcro kit: when is necessary and why. |
| 13:30-14:30 | Lunch. |
| 14:30-15:00 | How to use SCA in a Lab (Presented by users). |
| 15:00-15:30 | <p>Quality control.</p> <ul style="list-style-type: none"> • Check calibration and internal quality control. • External quality control. |
| 15:30-16:00 | <p>SCA advanced options.</p> <ul style="list-style-type: none"> • Connection with a LIS (Laboratory Information System) - SCA DataShare. • SCA Capture, Editor and Viewer. |
| 16:00-16:30 | Coffee break. |
| 16:30-18:30 | Practice and questions. |