

Basic semen assessment course - April, 24th



Course taught by renowned scientists

9:00-9:15	Welcome and introduction.
9:15-11:00	<p>WHO guidelines for sperm analysis. Standard procedures. Practical sessions (I).</p> <ul style="list-style-type: none"> • Sample collection. • Macroscopic and microscopic examination. • Sperm motility. • Sperm vitality. • Sperm numbers.
11:00-11:30	Coffee break.
11:30-13:30	<p>WHO guidelines for sperm analysis. Standard procedures. Practical sessions (II).</p> <ul style="list-style-type: none"> • Sperm morphology. • Assessment of leukocytes. • Assessment of immature germ cells. • Testing for antibody coating of spermatozoa.
13:30-14:30	Lunch.
14:30-15:30	Quality control in the andrology laboratory. The importance of validating the techniques and technologies.
15:30-16:00	<p>WHO guidelines for sperm analysis. Optional and research procedures. Practical sessions (III).</p> <ul style="list-style-type: none"> • Sperm Functional tests: Cervical mucus penetration, hyperactivation. • Assessment of DNA fragmentation. • Assessment of the acrosome reaction.
16:00-16:30	Coffee break.
16:30-17:30	The reality in a sperm lab. Feedback of lab director on their experience and discussion.
17:30-18:00	Sperm analysis today and in the future.