



NILE ACADEMY TAVI COURSE

COURSE FOR 2 DAYS

FEATURING DIDACTIC LECTURES AND
SIMULATION-BASED HANDS-ON TRAINING



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04-05
October
2026



Gewan Hotel,
Cairo, Egypt



TARGET AUDIENCE

- Interventional Cardiologists
- Structural Heart Specialists
- Cardiology Fellows
- Cardiac Surgeons
- Imaging Cardiologists
- Cath Lab Teams



CME
ACCREDITATION
WILL BE
APPLIED FOR

LEARN. PRACTICE. EXCEL.

Master the Art of TAVI
Through Knowledge & Hands-On Experience



PROGRAM

DAY 1 – Foundations, Planning & Procedural Basics

 9:45 - 10:00	Registraton
 10:00 – 10:15 (15 min)	Welcome & Course Introduction
 10:15 – 11:00 (45 min)	Session 1: Foundations of TAVI - Current guideline recommendations - Patient selection and expanding indications - Aortic root anatomy - Device–anatomy interaction
 11:00 – 11:45 (45 min)	Session 2: Access Management & Procedural Basics - Primary access site selection - Vascular closure devices - Access-site complication prevention
 11:45 – 12:30 (45 min)	Rapid-Fire Podium Discussion I – Tips & Tricks - Secondary access strategies - Alternative access routes - Sedation strategies - Pacing techniques - Valve crossing - Fluoroscopic projections - Immediate result evaluation
 12:30 – 13:00 (30 min)	Refreshment Break
 13:00 – 13:30 (30 min)	Session 3: CT Assessment & Procedural Planning – Part I - Structured CT approach
 13:30 – 14:30 (60 min)	Hands-On Workshop I – CT Analysis - Structured CT interpretation - Annulus measurement exercises - Root orientation - Practical workflow training
 14:30 – 15:30 (60 min)	Hands-On Workshop II – Closure Systems - Device demonstration - Deployment techniques - Troubleshooting
 15:30 – 16:15 (45 min)	Session 4: TAVI Platforms & Prosthesis Selection - Balloon-expandable vs self-expanding - Platform characteristics - Device–anatomy matching - Decision algorithms
 16:15 – 17:30 (75 min)	Case-Based Discussion: Prosthesis Selection & Complication Management - Valve selection - Calcification management - Conduction disturbances - Paravalvular leak
 17:30 – 18:30 (60 min)	Lunch
18:30	End of Day 1

DAY 2 – Advanced Techniques, Devices & Complication Management

 08:15 - 08:30	Registraton
 08:30 – 09:00 (30 min)	Session 5: CT Planning – Complex Anatomy - Bicuspid valves - Coronary access planning - Valve-in-valve - Redo procedures
 09:00 – 10:30 (90 min)	Hands-On Session III – Step-by-Step TAVI - Vascular access - Valve crossing - Pre-dilatation - Deployment - Post-dilatation - Final result assessment
 10:30 – 12:00 (90 min)	Hands-On Session IV – TAVI Devices Rotating device stations: - Device I - Device II - Device III Focus: - System preparation - Delivery system handling - Deployment simulation
 12:00 – 12:30 (30 min)	Refreshment Break
 12:30 – 13:15 (45 min)	Session 6: TAVI Complications & Their Management - Annular rupture - Coronary obstruction - Stroke prevention - Conduction disturbances - Vascular complications
 13:15 – 14:30 (75 min)	Rapid-Fire Discussion II – Special Scenarios - Bicuspid anatomy - Aortic regurgitation - Valve-in-valve - TAVI-in-TAVI - Coronary re-access - Alternative access - Durability - Post-procedural management
 14:30 – 15:15 (45 min)	Comprehensive Case Discussions - Borderline annulus - High coronary risk - Redo TAVI - Complication management
 15:15 – 15:30 (15 min)	Course Evaluation & Closing
 15:30 – 16:30 (60 min)	Lunch