



Endoscopic Cardiac Surgeons Club 2024 Annual Meeting Preliminary Program

Day 1 – Emphasis on the Aorta (aortic day)

Thursday afternoon: Welcome: ECSC steering group

Guest lecture: Endoscopy On Air?

1st Live case: Totally Endoscopic Aortic Valve Replacement

Special emphasis on

- preoperative evaluation
- set up
- size is important - alternative sizing techniques
- alternative ways of suturing

2nd Live case: Totally endoscopic Aortic Root Enlargement *or* AVR and ascending aortic replacement

Special emphasis on

- indications
- how we avoid patient – prosthesis mismatch
- when and how we should enlarge the aortic root or
- when and how we should replace the aorta
- what we do differently to a standard AVR

Presentations (AVR/aortic root/ascending aorta):

- How to start an Endoscopic AVR program.
- Sutureless and Rapid Deployment Totally Endoscopic AVR: pros and cons
- Can Robotic AVR be performed routinely?
- Video challenge - live in a box competition I (AVR):
Top three video presentations on Aortic Valve Repair or Replacement
- Video challenge - live in a box competition II (aortic and redo):
Top three video presentations on Redo AVR, TAVI explanation, Aortic Root and Ascending Aorta



Day 2 – Emphasis on the Mitral and Tricuspid (atrioventricular valve day):

Friday morning: Welcome from the OR

3rd Live case: Totally Endoscopic Mitral Valve Repair +/- (L) CryoMaze for paroxysmal Afib plus Left Atrial Appendage Occlusion

Special emphasis on:

- preoperative evaluation
- TOE assessment of risk of SAM and preventive measures by the surgeon
- set up
- sizing of neochords
- ring or band
- sizing of ring
- postop TOE assessment: when and how!

4th Live case: Totally endoscopic Mitral Valve Replacement and Tricuspid Repair plus Cox-Maze IV for Persistent Afib plus Left Atrial Appendage Occlusion

Special emphasis on

- choice of prosthesis
- set up for a mitral/tricuspid case – do we need bicaval cannulation and snares?
- assessment of tricuspid insufficiency
- tricuspid repair on the beating or arrested heart?
- Is giant left atrium a contraindication to Cox-Maze IV?
- proper Cox-Maze IV technique

Presentations (Mitral / Tricuspid):

- Endoscopic surgery for ischemic MR
- Endoscopic Redo mitral surgery
- State of the Art: Port Robotic Mitral and Tricuspid surgery!!!
- Complications in endoscopic mitral and tricuspid surgery
- Insights from the Mini Mitral Registry

Afternoon break for lunch and satellite symposia



Friday afternoon: Industry rapid fire (6 companies with 7 min each):
Chairman's favorite

Keynote Lecture

Lifetime achievement award:

- Video challenge - live in a box competition III (mitral and tricuspid): Top three video presentations on Mitral and Tricuspid surgery, transcatheter mitral and tricuspid valve and device explanation
- Video challenge - live in a box competition IV (ablation and left atrial appendage): Top three video presentations on TE ablation and LAAO
- Video challenge - live in a box competition V (congenital and adult congenital, myectomies, tumors, complex pathologies)
- Top three video presentations on TE congenital and adult congenital heart disease repairs and on redo / other pathologies (myectomies, tumors, complex pathologies)



Day 3 – Emphasis on coronary and redo surgery:

Saturday morning: Welcome from the OR

5th Live case: Totally Endoscopic Redo Tricuspid Repair

Special emphasis on

- preoperative evaluation
- set up
- cannulation technique!!!
- are the risk scores applicable to TE REDO TVRepair?
- do we need intrapericardial dissection?
- alternative repair techniques
- annuloplasty band sizing
- postoperative assessment

6th Live case: Robotic Totally Endoscopic CABG (TECAB)

Special emphasis on

- indications and contraindications
- set up
- docking
- arrested or beating heart

Presentations (coronaries, myectomies, other):

- Endoscopic IMAs harvesting
- Multivessel robotic CABG
- **Video challenge - live in a box competition VI (IMA, CABG):**
Top three video presentations on robotic / endoscopic IMA harvesting and / or CABG
- ECSC fellows' rapid fire
- ECSC senior members' words of wisdom

What's next?