

Sunday, 28 April 2024

Satellite Symposium of the German Congress of Echocardiography in Leipzig

Joint Event – AG5/DGK meets American College of Echocardiography and the Italian and Belgian Society of Cardiology - Teaching Course – Masterclass - Endorsed by the EACVI

Echocardiographic Diagnostics in Mitral Regurgitation – Prerequisites for Proper Therapeutic Decision Making

Therapeutical Concepts based on cardiac imaging: What do we really know? – A critical viewpoint on recent MR trials in cardiology and cardiac surgery

9.00 – 9.15 Welcome and Introduction
Elena Romero-Dorta (Berlin) / Andreas Hagendorff (Leipzig)

Part 1: Focus on Verifiability and Reliability of Echocardiographic Results: How to Perform Transparent and Verifiable Analysis of Valve Morphology in Mitral Regurgitation by Echocardiography
Chair: Elena Romero-Dorta (Berlin) / Denisa Muraro (Mailand)

9.15 – 9.45 Stephan Stöbe (Leipzig)
The standardized echocardiographic documentation in patients with mitral valve regurgitation: What is mandatory? – What is recommended? – What is necessary for verifiability?

9.45 – 10.00 Discussion (Live Demo / Workstation Demo possible)

10.00 – 10.30 Ritu Thamman (Pittsburgh)
The echocardiographic analysis of the mitral valve apparatus in PMR: Do we need modern software tools in echocardiography? – How to distinguish between Barlow, fibroelastic deficiency and mitral annular disjunction?

10.30 – 10.45 Discussion (Live Demo / Workstation Demo possible)

10.45 – 11.00 Break

11.00 – 11.30 Tobias Ruf (Mainz)
The echocardiographic analysis of mitral valve apparatus in SMR: Which SMR subtypes must be characterized? – How to evaluate the important morphological parameters of MV and LV geometry?

11.30 – 11.45 Discussion (Live Demo / Workstation Demo possible)

11.45 – 12.15 Corrado Fiore (Lecce)
The preoperative analysis of mitral valve morphology: What does the cardiac surgeon want to know in detail from the cardiologist through echocardiography? – Which parameters are essential to analyze? – What other imaging findings besides the mitral valve are also important?

12.15 – 12.30 Discussion (Live Demo / Workstation Demo possible)

12.30 – 13.30 Lunch

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**Part 2: Focus on Verifiability and Reliability of Echocardiographic Results: How to Perform Transparent and Verifiable Analysis of Mitral Regurgitation Severity by Echocardiography
Chair: Ritu Thamman (Pittsburgh) / Andreea Motoc (Brüssel)**

- 13.30 – 14.00 Denisa Muraru (Mailand)
The integrated approach in MR patients: is it still appropriate? Do we need to switch to hemodynamic quantification? – The time schedule of MR quantification in echocardiography in relation to intervention: Repetitive documentations prior to therapy – a “MUST”?
- 14.00 – 14.15 Discussion (Live Demo / Workstation Demo possible)
- 14.15 – 14.45 Andreea Motoc (Brüssel)
The problem of grading the MR severity in patients with heart failure and cardiomyopathy: is the classification of SMR severity according to recommendations still state-of-the-art?
- 14.45 – 15.00 Discussion (Live Demo / Workstation Demo possible)
- 15.00 – 15.15 Break
- 15.15 – 15.45 Elena Romero-Dorta (Berlin)
The problem of linguistic terms of fiction (disproportionate MR, maximum EROA) to explain implausible and impossible echocardiographic results: Do we better confess the necessity of new studies, instead of repeating the story of obvious measuring errors?
- 15.45 – 16.00 Discussion (Live Demo / Workstation Demo possible)
- 16.00 – 16.30 Frank Timmermans (Gent)
The consequences of improper MR grading for cardiac surgeons: The patients` cohorts of interventional and surgical treatment are not comparable – There are differences in age, comorbidities, target lesion (MR vs. myocardial failure), concomitant drug treatment, baseline characteristics, etc. – Thus, further trials are needed.
- 16.30 – 16.45 Discussion (Live Demo / Workstation Demo possible)
- 16.45 – 17.00 Closing Remarks and Announcement for the International Satellite Symposium – Save the Date 2025
Andreas Hagendorff (Leipzig)/ Elena Romero-Dorta (Berlin)