

Annual meeting of the ESC Working Group on Myocardial & Pericardial Diseases

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PRELIMINARY PROGRAMME

Friday, 4 October

8.00 | Registration opening

8.45 | Welcome and presentation

9.00 - 10.00 | Session 1: Genetics and genotype-phenotype in HCM

Room 1

Chairman: **Dr Lorenzo Monserrat** (A Coruña, Spain)

Experts:

- 1) **Dr Julian Palomino** (Madrid, Spain)
- 2) **Dr Maite Tome** (London, UK)
- 3) **Dr Jens Mogensen** (Odense, Denmark)

Case presenters:

- 1) **Dr Luis Lopes** (London, UK)
- 2) **Dr Juan Pablo Ochoa** (A Coruña, Spain)
- 3) **Dr Iacopo Olivotto** (Florence, Italy)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker, led by chairman

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- Novel genes in HCM
- Which is the best strategy: Individual genes, small or big panels, exomes or genomes?
- HCM with negative genetic testing: what is it?
- Is genetic testing useful for prognosis?
- When to suspect rare genes and phenocopies?
- Which is the risk of genetic testing, and how to avoid them?

Chairman: **Prof Alida Caforio** (Padova, Italy)

Experts:

- 1) **Prof Aleç Linhart** (Prague, Czech Republic)
- 2) **Dr Karin Klingel** (Tuebingen, Germany)
- 3) **Dr Ingrid Kindermann** (Homburg, Germany)

Case presenters:

- 1) **Dr Michael Arad** (Tel-Aviv, Israel)
- 2) Abstract presenter selected
- 3) Abstract presenter selected

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Questions/topics for discussion:

- What is myocarditis,
- MRI
- EMB
- The role of laboratory test

Chairman: **Prof Perry Elliott** (London, UK)

Experts:

- 1) **Dr Yigal Pinto** (Amsterdam, Holland),
- 2) **Dr Pablo García-Pavía** (Madrid, Spain)
- 3) **Prof Philippe Charron** (Paris, France)

Case presenters:

- 1) **Dr Joel Salazar** (Barcelona, Spain)
- 2) **Dr Niall Mahon** (Dublin, Ireland)
- 3) **Dr Luis Ruiz-Guerrero** (Santander, Spain)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- High/low risk genes in DCM?
- Titin truncating variants: relevance and role in DCM phenotypes
- Which is the phenotype associated with BAG3 and RBM20 pathogenic variants
- Which is the best strategy: Individual genes, small or big panels, exomes or genomes?

- Which are the main red flags for specific conditions (neuromuscular, mitochondrial, conduction disease...)
- When to perform genetic testing in DCM? In DCM with mild dilatation and/or mild systolic dysfunction?

10.00 - 11.00 | Session 4: Myocarditis etiopathogenesis

Room 2

Chairman: **Prof Cristina Basso** (Padova, Italy)

Experts:

- 1) **Prof Karin Klingel** (Germany)
- 2) **Dr Renzo Marcolongo** (Padova, Italy)
- 3) **Prof Cristina Basso** (Padova, Italy)

Case presenters:

- 1) **Dr Ingrid Kindermann** (Homburg, Germany)
- 2) **Dr Andre Keren** (Tel Aviv, Israel)
- 3) Abstract presenter selected
- 4) Abstract presenter selected

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Questions/topics for discussion:

- The role of viruses
- The role of autoimmunity/Myocarditis in systemic autoimmune diseases
- Role of the inflammasome
- The role of toxic/drugs
- The role of genetic predisposition
- Myocarditis and therapy with immune checkpoint inhibitors

11.00 – 11.30 | Coffee break and Poster Exhibition

11.30 - 12.30 | Session 5: Definition and diagnosis of arrhythmogenic cardio-myopathy

Room 1

Chairman: **Prof William J McKenna** (Doha, Qatar)

Experts:

- 1) **Dr Martin Ortiz-Genga** (A Coruña, Spain)
- 2) **Dr Estelle Gandjbakhch** (Paris, France)
- 3) **Dr Antonis Pantazis** (London, UK)

Case presenters:

- 1) **Dr Carol Ann Remme** (Amsterdam, Holland)
- 2) **Dr Juan Jimenez-Jaimez** (Granada, Spain)
- 3) **Dr Martina Perazzolo Marra** (Padova, Italy)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Objective: Get an up-to-date perspective on the current knowledge on the area.

Questions/topics for discussion:

- What is arrhythmogenic cardiomyopathy? How to diagnose it?
- What are the main genes and role of genetics in arrhythmogenic cardiomyopathy (ACM)?
- How to diagnose ARVC
- How to differentiate ALVC and myocarditis? Are they different entities?

11.30 – 12.30 | Session 6: Fulminant Myocarditis

Room 2

Chairman: **Prof Andre Keren** (Tel Aviv, Israel)

Experts:

- 1) To be confirmed
- 2) **Prof Andrea Frustaci** (Rome, Italy)
- 3) **Dr Enrico Ammirati** (Milan, Italy)

Case presenters:

- 1) **Dr Alida Caforio** (Padova, Italy)
- 2) To be selected
- 3) To be selected

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Questions/topics for discussion:

- Current definition
- Prognosis
- Management
- Advanced circulatory support and transplant

12.30 – 13.30 | Lunch and Industry Satellite Symposium

13.30 – 14.30 | Session 7: Arrhythmogenic right ventricular cardiomyopathy: challenges in management

Room1

Chairman: **Prof Domenico Corrado (Padova, Italy)**

Experts:

- 1) **Prof Perry Elliott** (London, UK)
- 2) **Dr Antonis Pantazis** (London, UK)
- 3) **Prof William J McKenna** (Doha, Qatar)

Case presenters:

- 1) **Dr Amalio Ruiz Salas** (Málaga, Spain)
- 2) **Dr Anneline te Riele** (Utrecht, Holland)
- 3) **Dr Alessandro Zorzi** (Padova, Italy)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- Which medical therapy should be used: betablockers, antiarrhythmics...?
- Which is the role of VT ablation?
- When to indicate a defibrillator?
- When to indicate a cardiac transplant?
- Which are the recommendations on sport participation, both recreational and competitive? ... And in pre-symptomatic gene carriers?

13.30 – 14.30 | Session 8: Hot topics in pericardial diseases

Room 2

Chairman: **Prof Yehuda Adler** (Rannana, Israel)

Experts:

- 1) **Dr Massimo Imazio** (Torino, Italy)
- 2) **Prof Antonio Brucato** (Milano, Italy)
- 3) **Prof Arsen Ristic** (Belgrade, Serbia)
- 4) **Dr George Lazaros** (Athens, Greece)
- 5) **Dr Ivana Burazov** (Nis, Serbia)

Case presenters:

- 1) **Dr Massimo Imazio (Torino, Italy)**
- 2) **Dr George Lazaros** (Athens, Greece)
- 3) **Dr Arsen Ristic** (Belgrade, Serbia)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker, led by chairman

Objective: Update on hot topics in pericardial diseases from diagnosis to therapy

Questions/topics for discussion:

- How to cope with recurrent pericarditis
- Which is the best strategy for large idiopathic pericardial effusions: to tap or not to tap?
- Constrictive pericarditis: how to recognize and treat
- Cardiac tamponade: is possible to make a triage and postpone pericardiocentesis?
- When to suspect a secondary or specific cause of pericardial disease?
- Pericardiocentesis: how to make it and what are the complications and risks?

14.30 - 15.30 | Session 9: Therapy and prevention in hypertrophic cardiomyopathy

Room 1

Chairman: **Dr Juan Ramón Gimeno Blanes** (Murcia, Spain)

Experts:

- 1) **Prof Hubert Seggewiss** (Würzburg, Germany)
- 2) **Dr Francisco Portela** (Las Palmas De Gran Canaria, Spain)
- 3) **Prof Aleç Linhart** (Prague, Czech Republic)

Case presenters:

- 1) **Dr Ainhoa Robles** (Málaga, Spain)
- 2) **Dr Roberto Barriales Villa** (A Coruña, Spain)
- 3) **Dr Angelos Rigopoulos** (Saale, Germany)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- How good are the results of interventions for obstructive HCM in real clinical practice (myectomy, alcohol septal ablation, pacemaker...) Are there recent results regarding evaluation of these results?
- Which are the initial results of novel medical therapies for HCM? How good are the perspectives? Which will be the indications?
- ICDs in HCM, transvenous or subcutaneous?
- When should we anticoagulate? NOACS?
- Do HCM patients need endocarditis profilaxis?

14.30 – 15.30 | Session 10: Tips and tricks for medical therapy of pericardial diseases and beyond

Room 2

Chairman: **Prof Yehuda Adler** (Rannana, Israel)

Experts:

- 1) **Dr Massimo Imazio** (Torino, Italy)
- 2) **Prof Antonio Brucato** (Milano, Italy)
- 3) **Prof Arsen Ristic** (Belgrade, Serbia)
- 4) **Dr George Lazaros** (Athens, Greece)

5) **Ivana Burazov** (Nis, Serbia)F

Case presenters:

- 1) **Dr Massimo Imazio** (Torino, Italy)
- 2) **Dr Arsen Ristic** (Belgrade, Serbia)
- 3) **Dr George Lazaros** (Athens, Greece)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker, led by chairman

Objective: provide practical knowledge on new and old treatments for pericardial diseases

Questions/topics for discussion:

- How to prescribe and manage NSAIDs
- How to prescribe and manage corticosteroids for pericarditis
- When it is time to resort to anti IL1 agents?
- All you need to know on anti IL1 agents for pericarditis
- All you need to know on alternative therapies for pericarditis
- All you need to know on interventional techniques for pericardial diseases

15.30 - 16.00: Coffee break and Poster Exhibition

16.00 - 17.00 | Session 11: Cardiomyopathies in pediatric patients

Room 1

Joint session with the Working Group on Genetics, Basic Science and Myocardial Disease of the Association for European Pediatric and Congenital Cardiology (AEPC)

Chairman: **Dr Juan Pablo Kaski** (London, UK)

Experts:

- 1) **To be confirmed**
- 2) **Dr Sabine Klaassen** (Berlin, Germany)
- 3) **Dr Ivonne Cardenas** (A Coruña, Spain)

Case presenters:

- 1) Dr Maite Tome (London UK)
- 2) Speaker from Great Ormond Street Hospital (London, UK)
- 3) **Dr Fernando Rueda** (A Coruña, Spain)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- Risk stratification in pediatric HCM

- Recommendations for clinical screening and genetic testing in pediatric patients-What are the results of genetic testing in this population?...
- Results of the European registry for pediatric cardiomyopathies – current clinical management landscape in Europe

16.00 – 17.00 | Session 12: Multimodality imaging for pericardial diseases

Room 2

Chairman: **Prof Yehuda Adler** (Rannana, Israel)

Experts:

- 1) **Dr Massimo Imazio** (Torino, Italy)
- 2) **Dr George Lazaros** (Athens, Greece)
- 3) **Prof Arsen Ristic** (Belgrade, Serbia)

Case presenters:

- 1) Dr Massimo Imazio (Torino, Italy)
- 2) To be confirmed
- 3) Dr Arsen Ristic (Belgrade, Serbia)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker, led by chairman

Objective: Understand and learn the limits and advantages of each imaging modality for the study of pericardial diseases

Questions/topics for discussion:

- Limits and advantage of echocardiography
- Limits and advantage of CT
- Limits and advantage of cardiac magnetic resonance
- Limits and advantage of nuclear medicine
- Limits and advantage of cardiac catheterization

17.00 – 18.00 | Sponsored symposium

9.00 – 10.00 | Session 13: Sport and cardiomyopathies

Room 1

Chairman: **Prof William J McKenna** (Doha, Qatar)

Experts:

- 1) **Dr Luis Serratosa** (Madrid, Spain)
- 2) **Dr Camilo Autore** (Rome, Italy)
- 3) **Dr Michael Papadakis** (London, UK)

Speakers:

- 1) **Dr Alessandro Zorzi** (Padova, Italy)
- 2) **Dr Marcos Cicerchia** (A Coruña, Spain)
- 3) **Dr Mark Abela** (La Valetta, Malta)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Possible Joint session with the European Association of Preventive Cardiology- Sports Cardiology Section.

Objective: Get an up-to-date perspective on the current knowledge on the area:

Questions/topics for discussion:

- Current recommendations for sport participation in cardiomyopathies
- Role of genetics in sport screening
- The impact of sport in disease development in healthy carriers of pathogenic/likely pathogenic mutations.
- Myocarditis and Arrhythmogenic Cardiomyopathy in Athletes.
- TO BE DISCUSSED WITH THE EAPC-SPORTS CARDIOLOGY SECTION

10.00 – 10.30 | Goodwin Award: **Prof William J McKenna** conference

10.30 – 11.30 | Coffee break

11.30 – 12.30 | Session 14: Multimodality imaging in cardiomyopathies: how to do?

Room 1

Chairman: **Dr James Moon** (London, UK)

Experts:

- 1) **Dr Sanjay Prasad** (London, UK)
- 2) **Dr Antonis Pantazis** (London, UK)

Speakers:

- 1) **Dr Aris Anastasakis** (Athens, Greece)
- 2) **Dr Marianna Fontana** (London, UK)
- 3) **Dr Jesús Peteiro**, (A Coruña, Spain)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Questions/topics for discussion:

- How to perform imaging by echo and MRI and SPECT in HCM
- How to perform imaging by echo and MRI in DCM
- How to perform imaging by echo and MRI in arrhythmogenic cardiomyopathy
- How to perform imaging by echo and MRI in LVNC
- Exercise-Stress echo in HCM and DCM

11.30 – 12.30 | Session 15: Role of pathology in the diagnosis, prognosis and risk stratification of cardiomyopathies **Room 2**

Chairman: **Prof Cristina Basso** (Padova, Italy)

Experts:

- 1) **Prof Andrea Frustaci** (Rome, Italy)
- 2) **Prof Mary Sheppard** (London, UK)
- 3) **Dr Esther Zorio** (Valencia, Spain)

Speakers:

- 1) **Dr Diego García-Giustiniani** (A Coruña, Spain)
- 2) Local speaker or abstract presenter
- 3) **Dr Kalliopi Pilichou** (Padova, Italy)

Format: Chairman, 5 min overview on overall topic followed by three 8 min clinical case presentations with 8 min discussion by 3 experts and speaker led by chairman.

Questions/topics for discussion:

- Role of endomyocardial biopsy in different cardiomyopathies
- Autopsy practice of SD around in Europe
- The need of referral CVPath centers
- The issue of normal heart at autopsy
- The issue of molecular autopsy

12.30 - 13.30 | Lunch and Industry Satellite Symposium

13.30 – 14.30 | Session 16: Best posters from young investigators: Cardiomyopathies **Room 1**

13.30 - 14.30 | Session 17: Best posters from young investigators: Myocarditis and Pericardial diseases

Room 2

14.30 – 15.30 | Session 18: The EORP European Registries **Room 1**

Presentation of ongoing results of the registries by their Chairpersons

- Follow-up in the cardiomyopathies - **Prof Philippe Charron** (Paris, France)
- Clinically suspected and biopsy proven myocarditis - **Prof Alida Caforio** (Padova, Italy)
- Pediatric cardiomyopathies - **Dr Juan Pablo Kaski** (London, UK)

15.30 – 15.45 | Closing remarks and end of the meeting

Annual Meeting of the ESC Working Group on Myocardial & Pericardial Diseases

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