

HEREDITARY CARDIAC DISEASES

May 27-28, 2022

Course directors:

Ruxandra Jurcuț, Carmen Ginghină, Bogdan A. Popescu

Friday May 27th, 2022

9-10 CARDIOMYOPATHIES – STATE OF THE ART

Chairs: Carmen Ginghină, Eloisa Arbustini

- From myocarditis to dilated cardiomyopathy – Carmen Ginghină (Romania)
- Hypertrophic cardiomyopathy – update 2022 – Bogdan A. Popescu (Romania)
- Hereditary restrictive cardiomyopathies – Eloisa Arbustini (Italy)

10.10-11.10 HYPERTROPHIC CARDIOMYOPATHIES – THERAPEUTIC APPROACH

Chairs: Perry Elliott, Bogdan A. Popescu

- ICD implantation – from patient selection to shared decision – Perry Elliott (UK)
- Innovative pharmacologic therapies in HCM - Iacopo Olivetto (Italy)
- Alcohol septal ablation – Lucian Predescu (Romania)
- Surgical myectomy – Cătălin Badiu (Romania)

11.20-12.20 GENETIC CARDIOMYOPATHIES IN SPECIAL SITUATIONS

Chairs: Eliza Cintează, JP van Tintelen

- Pediatric population – Eliza Cintează (Romania)
- Pregnancy – JP van Tintelen (Netherlands)
- Carrier CMP (G+/P-) and sports – Sebastian Militaru (Romania)

12.30-13.30 WHAT IS NEW IN CARDIOMYOPATHIES IMAGING

Chairs: Monica Roșca, Bogdan A. Popescu

- Hypertrophic cardiomyopathy – Monica Rosca (Romania)
- Dilated cardiomyopathy – Carmen Beladan (Romania)
- Arrhythmogenic cardiomyopathy – Sebastian Onciul (Romania)

14-15 ARTIFICIAL INTELLIGENCE IN CARDIOMYOPATHIES

Chairs: Philippe Chevalier, Stefan Bușnatu

- AI in electrocardiography assessment – Philippe Chevalier (France)
- AI in cardiac MRI – James Moon (UK)
- Big data in cardiomyopathies - F. W. Asselbergs (Netherlands)

15.10-16.30 CLINICAL CASES

Chairs: Laura Antohi, Radu Sascău

- Case 1 – *Hypertrophy, dilatation and systolic dysfunction in the same patient – do we have a common answer?* Andreea Marcu
- Case 2 – *Laminopathies – large spectrum of cardiac diseases* - Bogdana Fetecău
- Case 3 – *Dilated cardiomyopathy in a family – how important for the patient's management?* Laura Antohi
- Case 4 – *Cardiac hypertrophy- unveiling the enigma.* Radu Sascău

- Case 5 – *Title TBD* Raluca Rancea

16.45-18.00 GENETIC VARIANTS IN CARDIOMYOPATHIES

Chairs: Viorica Rădoi, Antonis Pantazis

- Genetic variant classification in cardiomyopathies – Adela Chiriță Emandi (Romania)
- Clinicians contribution in genetic variant interpretation – Antonis Pantazis (UK)
- How can we act on genetic variants in cardiomyopathies? – Ruxandra Jurcuț (Romania)

SATURDAY May 28th 2022

9-10. NEW CONCEPTS IN ARRHYTHMIC RISK STRATIFICATION

Chairs: Pablo Garcia Pavia, Ruxandra Jurcuț

- Arrhythmic risk in nonischemic DCM – Pablo Garcia Pavia (Spain)
- Arrhythmic risk in pediatric HCM – Juan Pablo Kaski (UK)
- Arrhythmic risk in arrhythmogenic CMP – Domenico Corrado (Italy)

10.10-11.30 – NIGHTMARE CLINICAL CASES

Chairs: Sebastian Militaru, Sebastian Onciul

- Case 1 – *The road from HCM to HFrEF* – Gabriela Neculae
- Case 2 – *When a genetic channelopathy mimics STEMI* – Leonard Mandes
- Case 3 – *The 10th circle of hell – arrhythmogenic DCM* - Andreea Vasile
- Case 4 – *ARVC – the young and the restless* – Adrian Giucă
- Case 5 – *How many complications can familial hypercholesterolemia lead to?* – Mihnea Casian

11.45-12.45 CARDIAC AMYLOIDOSIS – WHAT IS NEW

Chairs: Ruxandra Jurcuț, Thibaud Damy

- Hereditary form – what does the cardiologist need to know ? – Robert Adam (Romania)
- Wild type form – not rare at all – Roxana Rimbaş (Romania)
- Modern therapies in ATTR amyloidosis – Thibaud Damy (France)

13.00-14.00 FAMILIAL HYPERCHOLESTEROLEMIA

Chairs: Meral Kayikcioglu, Stefania Magda

- Case presentation – Mihai Bica (Romania)
- Diagnostic workup and risk stratification – Ioan Mircea Coman (Romania)
- Modern therapies - Meral Kayikcioglu (Turcia)