

Netherlands Heart Days 2023

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Venue:

Curaçao Marriott Beach Resort
Curaçao

16th Netherlands Heart Days Curaçao

12-14 January 2023



Sponsors 2020:



For more information visit www.nnhd.org

Dear Colleagues,

After two years of online meetings due to the pandemic, we are very pleased to present the program for the 16th NHD from 12 – 14 January in Curaçao.

This year's meeting is organized by the NHD, together with the section Cardiovascular Radiology of the Radiological Society of The Netherlands, in close cooperation with the NASKHO.

As always, the annual meeting will feature top-notch scientific content that discusses the state-of-the-art of various cardiac imaging hot topics. Topical sessions will cover a discussion of the technical aspects and imaging protocols as well as the clinical implications of the findings. Most sessions will feature examples of actual clinical cases and how novel techniques, methods and interventions can be used to better diagnose and treat patients with a variety of diseases affecting the heart.

After the success of the hands-on cardiac CT course offered at the last pre-pandemic meeting, we are pleased to announce that we will offer a full level 1 *Fundamentals of Cardiac MR* course endorsed by the *Society of Cardiovascular Magnetic Resonance (SCMR)*. Experts guide participants through the fundamentals of cardiovascular magnetic resonance (CMR), reflecting on the added value of using CMR in clinical practice. There will be an emphasis on the clinical applications of CMR, with review of the appropriate use criteria and patients who might benefit most from the unique technology. A total of fifty clinical cases will be reviewed throughout the course to emphasize key concepts. In addition to Level I certification, participants will be eligible to claim CME credits for the time spent in the course.

The content on offer for the Netherlands Heart Days 2023 will be appealing to experts in cardiac imaging as well as those seeking to enter the field. The congenial and collaborative atmosphere of the congress also offers excellent opportunities for networking and jumpstarting collaborative research projects and multicenter collaborations.

Register today and come and join us in Curaçao early next year!

PROGRAM

Thursday 12 January 2023

07.00 – 07.55 Fundamentals of Cardiac MR Course

CMR Basics

CMR in Cardiology & Certification
CMR Physics made easy
CMR Pulse Sequences

07.55 – 08.10 Official opening and Welcome

08.10 – 09.40

Session 1: Imaging of Myocardial Ischemia

Stress PET/SPECT
Stress CT
Stress MRI

09.40 – 10.00 Coffee break

10.00 – 11.00

Session 2: Cardiac Imaging In the ER

Cardiac CT in Acute Chest Pain
CMR in Acute Chest Pain and MINOCA
Come see this.....Rarer causes of ED Presentations

11.00 – 12.00

Session 3: What's new in Cardiac CT and Hybrid Imaging

Dual-energy and photon counting CT
SPECT, PET and Hybrid Imaging
What do I need - Local Perspective

12.00 – 13.00 Lunch

13.00 – 14.00

Session 4: How to Expand Access to Cardiac MR

Update on CMR in Chronic Ischemic Heart Disease
Role of CMR in the New Guidelines
The Promise of Low Field CMR

14.00 – 14.45

Session 5: Cardioembolic Sources of Acute Ischemic Stroke

Cardiological evaluation
Radiological evaluation

14.45 – 15.00 Short Break

14.00 – 14.45 Fundamentals of Cardiac MR Course

Interactive Cases – Ischemic CMP's and Cardioembolic Sources

PROGRAM

Friday 13 January 2023

07.00 – 07.55 Fundamentals of Cardiac MR Course

CMR Safety

CMR Safety and Devices
Contrast Agents in CMR
Extracardiac Findings in Cardiac Imaging

08.10 – 09.40

Session 6: 4D-Flow in MRI Update

From 2D to 4D-Flow MRI Sequences
4D-Flow in Congenital Cardiology
4D-Flow in Valvular Heart Disease and the Aorta

09.40 – 10.00 Coffee break

10.00 – 11.00

Session 7: Obesity and Diabetes Mellitus Type 2

Obesity and the Cardiovascular System
Obesity in the Caribbean
Liver-Heart interaction

11.00 – 12.00

Session 8: Cardiovascular sequelae of COVID-19 infection

Lessons learned on Curacao
Lessons learned in The Netherlands
COVID-19 complications: Myocarditis, Thrombosis, Post-Vaccination

12.00 – 13.00 Lunch

13.00 – 14.00

Session 9: Imaging of Inflammation: Myocarditis, Endocarditis, Vasculitis

CMR in Inflammatory Diseases
Ultrasound in Endocarditis
Valvular and Vascular Inflammation

14.00 – 14.45 Session 10: Best Abstracts and Cases

14.45 – 15.00 Short Break

14.00 – 14.45 Fundamentals of Cardiac MR Course

Interactive Cases – Inflammatory Heart Disease, Valves and OHCA

REGISTER VIA WWW.NNHD.ORG

PROGRAM

Saturday 14 January 2023

08.10 – 09.40

Session 11:

Machine Learning in Cardiovascular Imaging

Basic Principles of Machine Learning
Cardiovascular Applications of ML
Going beyond the Heart...

09.40 – 10.00 Coffee break

10.00 – 11.00

Session 12: Advanced CMR Mapping: T1, T1rho, T2, T2*

Parametric CMR Mapping
Ultra-Fast CMR: High-Density Coil, AI Reconstruction & 3D
MR Fingerprinting

11.00 – 12.00

Session 13: Non-Ischemic Cardiomyopathies

Athletes Heart versus Hypertrophic Cardiomyopathy
Infiltrative and Storage Diseases
Dilated and Non-Compaction Cardiomyopathies

12.00 – 13.00 Lunch

13.00 – 14.00

Session 14: The role of Cardiac Imaging in Valvular Heart Disease

The Minimally Invasive Landscape in 2023
The Role of Echocardiography
The role of CT and MR

14.00 – 15.00

Session 15: The Role of Imaging in Out-of-Hospital Cardiac Arrest

Cardiac Evaluation
MRI and CT

15.00 – 15.15 Closing and Adjourn

Accreditation is requested from the societies below.

Accreditation points 2020

Radiological Society of the Netherlands (NVvR): 17

Cardiological Society of the Netherlands (NVvC): 18

Society of Nuclear Medicine (NVNG): 17