

Slovenian Society of Cardiology,
Working Group for Cardiovascular Imaging
presents:

SLOVENIAN CARDIOVASCULAR MAGNETIC RESONANCE (CMR) LEVEL 1 COURSE

Bled / Hotel Astoria 12. & 13. OCTOBER 2018

Slovenian Cardiovascular Magnetic Resonance (CMR) Level 1 Course

The course is designed for cardiologists, radiologists and internists (specialists and in training), who are interested in obtaining basic knowledge about the principles and clinical value of CMR in different cardiac diseases. The program includes CMR lectures, workshops with clinical cases and hands-on sessions on CMR workstations.

Tečaj magnetne resonance srca (CMR) je namenjen kardiologom, radiologom, specialistom interne medicine in specializantom omenjenih strok, zlasti tistim, ki se ukvarjajo s slikovno diagnostiko srčnožilnih bolezni. Cilj tečaja je spoznavanje z osnovami magnetne resonance srca (nivo 1 po priporočilih EACVI – Evropskega združenja za slikovno diagnostiko srčnožilnih bolezni). Predstavljene bodo različne magnetnoresonančne tehnike ter klinična uporabnost pri različnih boleznih srca in ožilja. Organizirane bodo tudi delavnice s kliničnimi primeri in vaje na delovnih postajah.

Organized by / Organizator: Slovenian Society of Cardiology, Working Group for Cardiovascular Imaging / Združenje kardiologov Slovenije, Delovna skupina za slikovne preiskave v kardiologiji

Dates / Datum: 12.-13. October 2018

Venue / Kraj: Hotel Astoria, Bled, Slovenia.



Course directors / Vodji šole: Tomaž Podlesnikar, Chiara Bucciarelli-Ducci

Organizing committee / Organizacijski odbor: Katja Ažman Juvan, Pavel Berden, Boštjan Berlot, Nataša Črnič Šuligoj, Zlatko Fras, Tomaž Podlesnikar, Daša Zugwitz

Faculty / Predavatelji:

1. Chiara Bucciarelli-Ducci, MD, PhD; Bristol Heart Institute, University Hospitals Bristol NHS Foundation Trust, Bristol (UK)
2. Robin Nijveldt, MD, PhD; Department of Cardiology, Radboud University Medical Center, Nijmegen (The Netherlands)
3. Anna Baritussio, MD, PhD; Department of Cardiac, Thoracic and Vascular Sciences, University of Padua, Padua (Italy)
4. Pavel Berden, MD; Institute of Radiology, University Medical Centre Ljubljana, Ljubljana (Slovenia)
5. Tomaž Podlesnikar, MD; University Medical Centre Maribor, Slovenia; Leiden University Medical Center, Leiden (The Netherlands)
6. Boštjan Berlot, MD; University Medical Centre Ljubljana, Ljubljana (Slovenia); Bristol Heart Institute, University Hospitals Bristol NHS Foundation Trust, Bristol (UK)
7. Rok Zbačnik, MD; Institute of Radiology, University Medical Centre Ljubljana, Ljubljana (Slovenia)

Scientific Program / Strokovni program

Friday 12 October / Petek, 12. Oktober

Lecture Room 1 / Predavalnica 1

08:30-08:50 Registration / registracija udeležencev

08:50-09:00 Welcome / Pozdrav in dobrodošlica

Bucciarelli-Ducci, Podlesnikar

Chairs / Predsedujoča: Bucciarelli-Ducci, Nijveldt

09:00-09:10 **Intro: CMR in Cardiology, CMR certification**

Bucciarelli-Ducci

09:10-09:30 **CMR Physics Made Easy**

Podlesnikar

5min Q&A

09:35-9:55 **Basic CMR Pulse Sequences (cine, edema, perfusion, LGE)**

Nijveldt

5min Q&A

10:00-10:15 **CMR Safety and Contraindications**

Berlot

5min Q&A

10:20-10:45

COFFEE / ODMOR ZA KAVO

10:45-11:05 **LV/RV Function**

Baritussio

5min Q&A

11:10-11:40 **Chronic Ischemic Heart Disease- Viability**

Nijveldt

5min Q&A

11.45-12:05 **Stress CMR (adenosine & dobutamine)**

Bucciarelli-Ducci

5min Q&A

12:10-12:40 **Cardiomyopathies**

Bucciarelli-Ducci

5min Q&A

12:45-14:00

LUNCH / KOSILO

14:00-14:20 **Cardiac Masses**

Baritussio

5min Q&A

14:25-14:45 **Vascular CMR**

Berden

5min Q&A

14:50-15:00 SHORT BREAK / KRATEK ODMOR

Lecture Room 1&2 / Predavalnici 1&2

15:00-18:00 Workshops x2 groups / Delavnice v 2 skupinah (90min each)

Lecture Room 2 / Predavalnica 2

15:00-18:00 Hands on Image Analysis (workstations) / Vaje na delovnih postajah

Lecture Room 1 / Predavalnica 1

15:00-18:00 Cases: Ischemic (45 min x2 - Berlot) and non-ischemic (45 min x2 - Baritussio) / Klinični primeri

Saturday 13 October / Sobota, 13. Oktober

Chairs / Predsedujoča: Nijveldt, Baritussio

Lecture Room 1 / Predavalnica 1

09:00-09:30	Acute Ischemic Heart Disease	Nijveldt
10min	Q&A	
09:40-10:10	Flow and Valvular Heart Disease	Podlesnikar
10min	Q&A	
10:20-10:50	Overview of Congenital Heart Disease	Berden
10min	Q&A	
11:00-11:20 COFFEE / ODMOR ZA KAVO		
11:20-11:40	Pericardium	Baritussio
10min	Q&A	
11:50-12:10	Image artefacts	Berlot
10min	Q&A	
12:20-12:50	Extra-Cardiac Findings in CMR	Bucciarelli-Ducci
10min	Q&A	
13:00-14:30 LUNCH / KOSILO		



Lecture Room 1&2 / Predavalnici 1&2

14:30-16:30 **Workshops** x2 groups / **Delavnice** v 2 skupinah (60min each)

Lecture Room 2 / Predavalnica 2

14:30-16:30 **Hands-on Image analysis** (workstations) / **Vaje** na delovnih postajah

Lecture Room 1 / Predavalnica 1

14:30-16:30 **Cases:** Valve/flow (30min x2 Podlesnikar), pericardium/masses (30min x2 Zbačnik)
/ **Klinični primeri**

16:30-16:45 SHORT BREAK /KRATEK ODMOR

16:45-17:30 **Quiz/Minitest (Kviz/minitest)** Faculty / Predavatelji

Registration / Registracija

Number of participants: The course is limited to 30 participants. We kindly ask you to register before 20th September 2018.

Število udeležencev: je omejeno na 30, zato prosimo za predhodno prijavo najkasneje do 20. septembra 2018 oz. do zapolnitve mest.

Credits: the course has been accredited by the Medical Chamber of Slovenia with 13 credit points and is in the process of obtaining EACVI endorsement.

Participant will receive a Level 1 CMR certificate at the end of the course.

Kreditne točke: Udeležba na tečaju je ovrednotena s 13 kreditnimi točkami pri Zdravniški zbornici Slovenije. Postopek akreditacije s strani Evropskega združenja za slikovno diagnostiko (EACVI endorsement) je v teku.

Potrdilo o udeležbi oz. "Level 1 CMR certificate" prejmejo udeleženci ob zaključku srečanja.

Registration fee (including VAT) / Kotizacija (z vključenim DDV): 300 EUR

Includes: attendance to the scientific sessions and workshops, lunch and coffee breaks.

Kotizacija vsebuje: udeležbo na predavanjih, praktičnih vajah, kosilo in pogostitve med odmori.

Accommodation / Hotelska namestitev: is not included in the registration fee / *Namestitev v hotelu ni vključena v kotizacijo*

Information and reservation / *Informacije in rezervacije:* Hotel Astoria Bled, Prešernova 44, 4260 Bled. T: +386 4 579 44 00, E: astoria@vgs-bled.si

Payment details / Podatki za plačilo:

Slovenian Society of Cardiology / *Zdrženje kardiologov Slovenije*

Štukljeva cesta 48, 1000 Ljubljana

IBAN: SI56 0222 2001 8629 680; Nova Ljubljanska banka d.d.

Payment description: CMR course + name of the participant / *Pripis: CMR tečaj + priimek udeleženca.*

Registration and information / Prijave in informacije:

Saša Radelj, Zdrženje kardiologov Slovenije, Štukljeva cesta 48, 1000 Ljubljana; tel. 01 43 42 100, fax 01 43 42 101, e-mail: sasa.radelj@sicardio.org

Tomaž Podlesnikar, course co-director / vodja šole; e-mail: tomaz.podlesnikar@gmail.com