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ESOR VISITING PROFESSORSHIP PROGRAMME GEORGIA 2023

LEVEL II+III

ESOR COURSE ON CARDIAC IMAGING

May 26, 2023, Tbilisi, Georgia



ESOR EUROPEAN SCHOOL
OF RADIOLOGY

ESR EUROPEAN SOCIETY
OF RADIOLOGY

EDUCATION IN PARTNERSHIP

LEVEL II+III

VISITING PROFESSORSHIP PROGRAMME

Georgia

ESOR COURSE ON CARDIAC IMAGING

May 26, 2023 | Tbilisi, Georgia

Course information

The course is aimed at participants from Georgia in particular last year residents, board-certified radiologists and fellows interested in Cardiovascular Radiology and will cover level II and III knowledge as defined by the European Trainings Curriculum (ETC). This course is designed to address recent updates and well established applications in the fast evolving field of Cardiac Radiology. It is organized as a multimodality course discussing the most relevant clinical applications of both Cardiac CT and MR with a slight focus on MR. The presentations will provide clear recommendations for optimized imaging protocol as well as structured approach to reporting. One specific clinical focus of this course will be on the state-of-the-art application of Cardiac MR in the characterization of ischemic and non-ischemic myocardial disease, as well as on the assessment of the right ventricle. Another main topic will include the use of Cardiac CT in the visualization of coronary arteries and the diagnosis of coronary artery disease, even beyond stenosis detection and quantification. The faculty consists of three well known European experts who will ensure high-quality teaching. The successful structure of ESOR courses by combining the lectures with directly related interactive case discussions will be followed even in this course.

Learning objectives

- To learn and consolidate the knowledge about the clinical use of Cardiac MR in the characterization of myocardial diseases
- Get familiar with the ability of Cardiac CT to assess the individual cardiovascular risk and to predict the outcome of patients with coronary artery disease
- Learn about the emerging role of Cardiac CT and MR in the management of patients suffering from coronary artery disease and ischemic cardiomyopathies
- To advance the knowledge in the state-of-the-art assessment of the right ventricle

Registration information

Please visit: <https://www.esor.org/courses-2023-overview/esor-vpp-2023/vpp-georgia-2023/>

For any questions about registration, please contact:

E-mail: Info@toduaclinic.ge | Website: <https://georadiology.ge/>

Accreditation:

ESOR COURSE on Cardiac Imaging has been granted European CME credits (ECMEC's) by the European Accreditation Council for Continuing Medical Education (EACCME).

Course evaluation and Certificate:

In order to evaluate the course, it is necessary to scan **QR Code provided on your badge**, fill out the evaluation form and submit. By doing so, you will be able to receive a certificate with CME credits, which can be downloaded from E-portal (more information on E-portal will follow).

Please note that you are invited to attend the Congress of the Georgian Association of Radiologists
(No fee required for ESOR Course registrants).

Faculty Members

ESOR COURSE ON CARDIAC IMAGING

May 26, 2023 | Tbilisi, Georgia



Rodrigo Salgado | Antwerp, BE

Rodrigo Salgado is a Belgian radiologist working at the University Hospital Antwerp and Holy Heart Lier. He is currently vice-president of the ESCR, member of the CORE committee of the European Board of Radiology, and active in the ECR 2023 and 2024 programme planning committee. Currently Prof. Salgado is the editor of the cardiovascular section of Eurorad and sits on the scientific editorial board of Insights into Imaging and the International Journal of Cardiovascular Imaging. He's a frequent speaker at national and international meetings and loves interacting with residents and fellow radiologists.



Marco Francone | Milan, IT

Marco Francone is a Full Professor of Radiology and Director of residency programme at Humanitas University in Milan. He is a renowned cardiovascular imaging expert and has authored over 200 indexed papers with a high impact factor. Prof. Francone is actively involved in national and international imaging societies and frequently lectures at major radiological and cardiological conferences. He seeks to advance cardiovascular imaging technology and promote collaboration between Radiologists, Cardiologists, and Physicists for optimal patient outcomes.



Maja Pirnat | Maribor, SL

Maja Pirnat, MD, PhD is the head of cardiac radiology at University Clinical Center in Maribor, Slovenia, a EACVI certified CMR teaching center. Her postdoctoral studies focused on collaterals in ischemic heart disease. She has a European diploma in Cardiac Radiology and is certified as Level 3 for CMR and CT, by EACVI. Prof. Pirnat is a co-director of an intensive four-day Cardiac imaging Course in Slovenia titled School of Cardiac Diagnostics, that takes place annually in Slovenia. In June 2023 it will have its 7th edition. Prof. Pirnat is a passionate educator, serving as an invited lecturer at different events. She also serves as a Consultant to Cardiovascular institute Dedinje in Serbia as well as Zemon hospital in Serbia.



Programme

ESOR COURSE ON CARDIAC IMAGING

May 26, 2023 | Tbilisi, Georgia

Friday, May 26, 2023

08:00–08:45	Registration
08:45–09:00	Welcome and introduction
09:00–09:30	The role of Cardiac CT in chronic coronary syndrome R. Salgado, Antwerp/BE
09:30–10:00	Imaging ischemic heart disease: MR perfusion, viability, and more M. Pirnat, Maribor/SL
10:00–10:30	Cardiac MR in Inflammatory cardiomyopathy: Myocarditis and beyond M. Francone, Milan/IT
10:30–10:50	Coffee break
10:50–13:00	Workshop rotations
13:00–14:00	Lunch break
14:00–14:30	Cardiac CT beyond stenosis detection R. Salgado, Antwerp/BE
14:30–15:00	Differential diagnosis and optimized imaging of the thickened ventricle M. Pirnat, Maribor/SL
15:00–15:30	CT and MR assessment of the right ventricle M. Francone, Milan/IT
15:30–15:50	Coffee break
15:50–18:00	Workshop rotations
18:00	Course Evaluation and end

Host organiser



Prof. George Tsivtsivadze
Tbilisi, Georgia

Venue

Sheraton Grand Tbilisi Metechi Palace

Address:
20 Telavi Street,
Tbilisi, Georgia 0103

For further information
on the programme and
registration please visit

esor.org

LEVEL II+III

Learning Objectives

ESOR COURSE ON CARDIAC IMAGING

May 26, 2023 | Tbilisi, Georgia

The role of Cardiac CT in chronic coronary syndrome

R. Salgado, Antwerp/BE

- To understand the term “chronic coronary syndrome” and its implications
- To learn about the diagnostic and prognostic role of cardiac CT in patients with chronic coronary syndrome
- To learn how to interpret difficult cases and how to formulate a structured report containing all required information

Imaging ischemic heart disease: MR perfusion, viability, and more

M. Pirnat, Maribor/SL

- To understand the different questions in the acute and in chronic setting
- To get familiar with the MINOCA concept
- To understand the indications for and information received from stress perfusion study and what from viability studies

Cardiac MR in Inflammatory cardiomyopathy: Myocarditis and beyond

M. Francone, Milan/IT

- To review the scientific evidence of MRI role in the evaluation of acute and chronic myocardial and pericardial inflammation
- To understand variability of CMR diagnostic performances in different clinical onset of disease
- To emphasize the added value of T1 and T2 mapping techniques and their importance and the redefined diagnostic criteria
- To understand the relevant prognostic information provided by CMR and their implication for selection of individuals to follow-up with imaging

Cardiac CT beyond stenosis detection

R. Salgado, Antwerp/BE

- To understand the complex relationship between stenosis severity and functional impact, and the current possible solutions with CT-FFR and myocardial perfusion
- To learn about plaque morphology and high-risk characteristics, the impact on prognosis and how to report these findings
- To investigate new techniques which can improve myocardial tissue characterization with CT

Differential diagnosis and optimized imaging of the thickened ventricle

M. Pirnat, Maribor/SL

- Causes of hypertrophic LV and variants
- To understand the underlying pathologies (arterial hypertension, aortic stenosis, HCOM, infiltrative disease)
- Imaging methods available, their technical reliability as well as clinical and prognostic value

CT and MR assessment of the right ventricle

M. Francone, Milan/IT

- To review pathophysiology of the right ventricular pressure and volume overload and corresponding CT and CMR features
- To understand added clinical value of CT/MR imaging in patients presenting with a clinical request of right ventricular enlargement
- To learn main pathological features of ARVC and differential diagnosis as established with CMR
- To review features of pulmonary hypertension in acute and chronic conditions and their respective impact on right heart function

Notes





EDUCATION IN PARTNERSHIP



GE HealthCare

ESOR Office | European Society of Radiology

Am Gestade 1 | 1010 Vienna | Austria

Phone: +43-1-533 40 64-0

esor@myesr.org

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