

Advanced Cardiac CTA Workshop

Imaging, Optimisation
& Interpretation

19-20
June 2026

VENUE

Tselikas Hotel, Kozani


The seminar is organized by

the Radiological Society of Northern Greece



With the support of:



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Organization – Conference Secretariat
431, Pasielidi St., P.C. 54453
Kato Toumba, Thessaloniki, Greece
Tel.: +30 2310 674295
E-mail: info@praxiconevents.com
Website: www.praxiconevents.com

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Welcome

Dear colleagues and partners,

It is with great pleasure that the Radiological Society of Northern Greece welcomes you to the Advanced Cardiac CTA Workshop: Imaging, Optimisation & Interpretation, which will take place on Friday, June 19 and Saturday, June 20, 2026, in Kozani, Greece.

This workshop aims to enhance clinical practice skills by providing intensive training in performing, optimising, and interpreting cardiac CTA examinations under the guidance of an expert faculty. Participants will have access to hundreds of cases, while live sessions will focus on real-life, demanding scenarios (e.g., obese and overweight patients, as well as patients with high heart rates), with particular emphasis on radiation dose management.

The workshop is primarily designed for radiographers and technologists with a solid background in CT. However, radiologists, cardiologists, radiology and cardiology fellows/residents, and medical physicists with an interest in cardiac CTA are also welcome to attend.

Kind regards,

Stefanos Finitzis

President of the Radiological Society of Northern Greece

Committees

- **Organising Committee**

Stefanos Finitzis

Assistant Professor in Diagnostic & Interventional Neuroradiology
Medical School, Aristotle University of Thessaloniki, Thessaloniki Greece
President of the Radiological Society of Northern Greece

Alexandros Kallifatidis

Board certified Cardiovascular Imaging Radiologist
St. Luke's Hospital, Thessaloniki, Greece
Co-founder of the scientific company «Cardiac Intelligence», specializing in Cardiac Imaging training
Board member of the Radiological Society of Northern Greece

- **Scientific Committee**

Irene Mastorakou

MD, MSc, D. Phil. (Oxford), EBCR
Co-ordinator, Section Cardiovascular Imaging (CT)
BIOIATRIKI - Group of Healthcare Companies

Konstantinos Michailidis

Consultant Radiologist specializing in Cardiac CT
Diagnostic Center "Kardia", Kozani, Greece
Co-founder of the scientific company «Cardiac Intelligence», specializing in Cardiac Imaging training

Ioannis Seimenis

Board certified Medical Physicist
Professor in Medical Physics
Medical School, National and Kapodistrian University of Athens, Athens, Greece

Workshop Topics

COURSE MATERIAL

- Course handbook / workbook
- Lecture slides (shared digitally)
- Example protocols, checklists, dose charts
- Patient consent form and patient prep (e.g., beta blockers) guidelines
- Access to anonymized, example cases (with 3-month Circle CVI license for Cardiac CTA image analysis)

PARTICIPATING CT SCANNER VENDORS

- GE Healthcare
- Neusoft
- Siemens Healthineers
- United Imaging

Post-processing and analysis software tools

(for automated coronary segmentation, lumen evaluation, plaque quantification, ventricular functional assessment and non-invasive fractional flow reserve (FFR) analysis)

STANDALONE PLATFORMS

- **Circle Cardiovascular Imaging** (quantitative analysis for ventricular function, strain, and advanced cardiovascular tissue characterization)
- **HeartFlow** (focuses on FFR-CT by transforming coronary CTA data into detailed 3D blood flow models)
- **Cleerly** (focuses on AI-based quantitative plaque analysis - plaque volume, composition, vulnerability markers and stenosis severity)
- **Medis Medical Imaging Systems** (focuses on quantitative coronary and motion analysis)
- **CaRi-Heart** (focuses on pericoronary fat analysis providing a standardised Fat Attenuation Index (FAI) score - a measure of coronary inflammation - and prognostic risk metrics)

DEDICATED SOFTWARE SUITES IN

- GE Advantage Workstation / Edison platform
- Siemens syngovia
- Neusoft CardioCARE
- United uVIEWER

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DAY ONE - SCIENTIFIC PROGRAMME

19

June 2026

FRIDAY

08:30 - 09:00	Registration & Welcome
09:00 - 09:30	Patient referral for Cardiac CT Optimising communication before the examination K. Michailidis, A. Kallifatidis
09:30 - 10:00	Preparing the patient for Cardiac CT Practical approach and pre-examination management N. Lama, K. Michailidis, A. Kallifatidis, V. Sachpekidis
10:00	Open coffee
10:00 - 10:30	Performing the right examination Calcium scoring, cardiac CTA, or both? K. Michailidis
10:30 - 11:00	Tailoring the acquisition protocol Why careful review of the referral matters N. Lama, A. Kallifatidis
11:00 - 12:00	From positioning to acquisition Cardiac CTA technical considerations, protocol optimisation and dose reduction K. Perisynakis
12:00 - 12:30	Completing the examination Image reconstructions and optimal series selection
12:30 - 14:00	Lunch break
14:00 - 18:00	Live Cases: Acquisition & Review
14:00	Open coffee
18:00 - 19:00	Vendor's Session Advanced image post-processing, analysis and ECG editing
19:00 - 19:30	How can AI facilitate the entire examination workflow? Ioannis Tsougos
20:30	Welcome Dinner

Coffee will be provided throughout the duration of the programme.

DAY TWO - SCIENTIFIC PROGRAMME

20

June 2026

SATURDAY

08:30 - 09:00	● Recap
09:00 - 09:30	● After the examination Contrast media safety, complications and patient follow-up N. Lama, K. Michailidis, A. Kallifatidis, V. Sachpekidis
09:30 - 10:00	● From images to clinical report Image interpretation and structured reporting N. Lama, K. Michailidis, A. Kallifatidis
10:00	● Open coffee
10:00 - 10:30	● Radiation-induced risks associated with Cardiac CT Myths, facts and clinical reality I. Seimenis
10:30 - 11:30	● Common artifacts and pitfalls in Cardiac CT Motion & ECG-related artifacts & acquisition pitfalls - prevention strategies K. Michailidis Physics-related artifacts - causes & remedies I. Seimenis Contrast-related pitfalls - prevention & optimisation N. Lama Pitfalls mimicking coronary artery disease - plaque & stent evaluation A. Kallifatidis
11:30 - 12:30	● Emerging technologies & future directions Myocardial CT perfusion & CT-derived fractional flow reserve A. Kallifatidis Spectral CT and photon-counting CT I. Seimenis
12:30 - 14:00	● Lunch break
14:00 - 17:00	● Live Cases: Acquisition & Review
14:00	● Open coffee
17:00 - 18:00	● Vendor's Session Advanced image post-processing, analysis and ECG editing
18:00 - 18:30	● Quiz / Interactive Review / Assessment & Feedback

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*The President and the Organising Committee of the **Advanced Cardiac CTA Workshop** warmly thank the following companies for their kind support and contribution to the organisation of the Workshop.*

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1. Bayer data reported to Health Authorities. PSUR/PSBR Ultravist® (Iopromide) (01 JUL 2023 to 30 JUN 2024). 2. Nissen EC, Renneberg RJ, Nelemans PJ, et al. Prophylactic hydration to protect renal function from intravascular iodinated contrast material in patients at high risk of contrast-induced nephropathy (AMACING): a prospective, randomised, phase 3, controlled, open-label, non-inferiority trial. *Lancet*. 2017 Apr 1;389(10076):1312-1322. 3. Chen Y, Liu Y, Zhou Y, et al. Safety and tolerability of iopromide in patients undergoing cardiac catheterization: real-world multicenter experience with 17,513 patients from the TRUST trial. *Int J Cardiovasc Imaging*. 2015;31(7):1281-1291. 4. Palkovits P, Bostelmann S, Lengsfeld P, Sauerbrey S, et al. Risk of hypersensitivity reactions to iopromide intravascular use: a pooled analysis of three non-interventional studies in 152,022 patients. *Acta Radiologica*. 2014;55(6):707-714. 5. Erdincik I, Chernova I, Gellinger C, et al. Risk of hypersensitivity reactions to iopromide in Children and Elderly: An Analysis of 132,850 Patients From 4 Observational Studies and Pharmacovigilance Covering >288 Million Administrations. *Invest Radiol*. 2022;57(5):318-326

Πριν τη συνταγογράφηση συμβουλευθείτε την Περιλήψη των Χαρακτηριστικών του Προϊόντος.
Τρόπος διέθεσης: Περιορισμένη Ιατρική συνταγή - Ιατροεξειδικότητας Ακτινοδιαγνώστη.

Κάτοχος Άδειας Κυκλοφορίας στην Ελλάδα και Κύπρο:

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Chairpersons & Speakers

F **Aikaterini Fotopoulou**
Radiographer

K **Alexandros Kallifatidis**
Board certified Cardiovascular Imaging Radiologist
St. Luke's Hospital, Thessaloniki, Greece
Co-founder of the scientific company «Cardiac Intelligence», specializing in Cardiac Imaging training

L **Niki Lama**
Board certified Cardiovascular Imaging Radiologist
Assistant Professor in Radiology
Second Radiology Department, Medical School, National and Kapodistrian University of Athens, Athens, Greece

M **Irene Mastorakou**
MD, MSc, D. Phil. (Oxford), EBCR
Co-ordinator, Section Cardiovascular Imaging (CT)
BIOIATRIKI - Group of Healthcare Companies

M **Konstantinos Michailidis**
Consultant Radiologist specializing in Cardiac CT
Diagnostic Center "Kardia", Kozani, Greece
Co-founder of the scientific company «Cardiac Intelligence», specializing in Cardiac Imaging training

N **George Nakas**
Radiographer

P **Konstantinos Perisynakis**
Board certified Medical Physicist
Professor in Medical Physics
Medical School, University of Crete, Heraklion, Greece

S **Vasileios Sachpekidis**
Consultant Cardiologist
"Papageorgiou" General Hospital, Thessaloniki, Greece
Diagnostic Center "Kardia", Kozani, Greece

S **Ioannis Seimenis**
Board certified Medical Physicist
Professor in Medical Physics
Medical School, National and Kapodistrian University of Athens, Athens, Greece

T **Ioannis Tsougos**
Professor in Medical Physics
Department of Medicine, University of Thessaly, Larissa, Greece



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General Information

DATES

19–20 June 2026

FORMAT

In-person

VENUE

Tselikas Hotel, Kozani, Greece

COURSE LANGUAGE

English

PARTICIPATION

Free of charge

CERTIFICATION

Certificates of Participation

Certificates of participation will be provided to all attendees.

PRE-SEMINAR DINNER

Thursday, 18th of June

ORGANISED BY

Radiological Society of Northern
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WITH THE SUPPORT OF

Cardia - Kozanis Academy

PRAXICON EVENTS

CONFERENCE ORGANISERS · SECRETARIAT · INFORMATION

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