

# ALKMAAR CARDIAC PET/CT WORKSHOP

24-25 SEPTEMBER 2020

from basic to advanced  
knowledge in Cardiac PET

Lectures

Hands-on training

Lunch & dinner included

Organizing committee:  
Remco JJ Knol, MD PhD  
Sergiy V Lazarenko, PhD

Friso M van der Zant, MD PhD  
Prof. Riemer HJA Slart, MD PhD  
Prof. Jan Hein Cornel, MD PhD

Join us at the Noordwest Academy Alkmaar  
Registration opens June 1<sup>st</sup> 2020; see [www.petctworkshop.nl](http://www.petctworkshop.nl)

# Program

Thursday, September 24<sup>th</sup> 2020

08.30 Registration, Coffee



**Lectures** (at the Forestzaal, Noordwest Ziekenhuisgroep, Alkmaar)

09.00 Opening

*Prof. Riemer H.J.A. Slart, MD PhD, Nuclear Medicine Physician  
Prof. Jan Hein Cornel, MD PhD, Cardiologist*

09.10 Recap of basic cardiac anatomy and physiology

*Prof. Jan Hein Cornel, MD PhD, Cardiologist*

09.30 Procedure protocols, stress agents; when (not) to choose which? Coping with complications during stress tests. ECG reading: identifying ischemia and arrhythmia

*Jouke J. Boer, MD, Nuclear Medicine Physician*

10.00 Patient selection for cardiac PET

*Remco J.J. Knol, MD PhD, Nuclear Medicine Physician*

10.15 **Coffee break**

10.45 Cardiac PET imaging procedure. Kinetic modeling and choice of cardiac PET tracers.

*Sergiy V. Lazarenko, PhD, Medical Physicist*

11.15 Cardiac PET reading & reporting

*Remco J.J. Knol, MD PhD, Nuclear Medicine Physician*

11.40 FDG PET in cardiac viability and sarcoidosis

*Prof. Riemer H.J.A. Slart, MD PhD, Nuclear Medicine Physician*

12.05 Cardiac FDG PET (endocarditis)

*Asbjørn M. Scholtens, MD, Nuclear Medicine Physician*

12.30 **Lunch**

**Hands-on training** (at the Noordwest Academie)

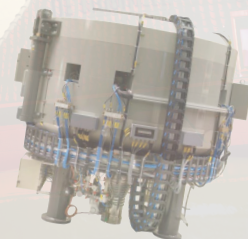
13.45 Processing of scans in Corridor 4DM, Cedars, Syngo.MBF

- Buttonology and image processing
- Cases: Normal, ischemia, infarction
- Cases: Myocardial blood flow measurements
- Structured reporting
- Demo stations for cardiac PET processing: PMOD and CardIQ Physio
- 15.00 Demo Corridor 4DM (Lana Figueiredo, INVIA Education Manager)

16:30 **Site visit (department NM and Cyclotron)**

*Ronald G. Pronk, MSc, Lars van Wunnik BSc, Carlos J.R. Bulder, BSc*

18:00 **Dinner**



Program may be subject to change. In case of international attendees, the spoken language of the entire course will be English, otherwise Dutch. See the website for additional information, registration, important dates, locations and current COVID-19 issues.



# Program

Friday, September 25<sup>th</sup> 2020



08.30 Coffee

## Lectures (at the Aletta Jacobszaal, Noordwest Ziekenhuisgroep, Alkmaar)

09.00 Physics, acquisition, reconstruction and artifacts. New developments in software and PET technique.

*Sergiy V. Lazarenko, PhD, Medical Physicist*

09.30 Correlation with other imaging techniques: CCTA, cardiac MR, CAG, FFR

*Tjeerd Germans, MD PhD, Cardiologist*

09.55 FFR, CFR and ischemia: all the same?

*Hein J. Verberne, MD PhD, Nuclear Medicine Physician*

## 10.20 Coffee break

10.45 Extracardiac findings

*Friso M. van der Zant, MD PhD, Nuclear Medicine Physician*

11.10 Artificial intelligence in cardiac PET

*Luis E. Juárez-Orozco, MD PhD*

11.35 Features and new developments in cardiac PET processing software

- PCARD (PMOD) - Tomasz Kubik, PhD Software developer
- Syngo.MBF (Siemens) - Mohammad Raza Khan, MPhys, MSc, Product Manager
- Corridor 4DM (INVIA) - Lana Figueiredo, INVIA Education Manager
- aQuant (Medtrace) - Prof. Mark Lubberink, PhD Uppsala University

11.50 AURORA Trial (<sup>18</sup>F-Flurpiridaz): Current status

*Dirk N.J. Wyndaele, MD, Nuclear Medicine Physician*

11.55 Cardiac PET tracer production

*Radiopharmacist Northwest Clinics, QP*

12.15 New developments in Cardiac PET radionuclide production

- IBA - Cristiana Goncalves Gameiro, PhD, Product Manager
- GE Healthcare - Etienne Vallée, Radiopharmacy Product Manager
- IONETIX - David Ewe, VP Medical Affairs at Ionetix Corporation

## 12.30 Lunch

## Hands-on training (at the Noordwest Academie)

13.45 Processing of scans in Corridor 4DM, Cedars, Syngo.MBF

- Cases: Normal, ischemia, infarction
- Cases: Pitfalls & Artifacts
- Cases: Extracardiac findings
- Structured reporting
- Demo stations for cardiac PET processing: PMOD and CardIQ Physio
- 14.00 Demo aQuant (Prof. Mark Lubberink, PhD Uppsala University / Medtrace)
- 14.30 Demo PCARD (Tomasz Kubik, PhD Software developer)

16.30 Farewell drink



## Location

The Alkmaar Cardiac PET/CT Workshop 2020 will be held at the Noordwest Ziekenhuis-groep (location Alkmaar) and the Northwest Academy of the Noordwest Ziekenhuis-groep. This location is easy to reach by public transport or by car.

## Registration

Registration starts on June 1st 2020 and will be processed in order of receipt. If the number of available seats is exceeded, participants can, if desired, be placed on a reserve list.

Early registration is recommended. Registration only becomes final after your payment is confirmed. The maximum number of participants is currently 12 (see COVID-19 paragraph below). The workshop will only take place when a minimum of 10 participants apply.

## Registration fees

The registration fee of the workshop is €650 for early registration **before or on July 31, 2020**. **From August 1, 2020** the registration fee will be €850. This includes course material, coffee/tea, lunches and a joint dinner in the Alkmaar city centre when COVID-19 restrictions allow (a suitable alternative will be offered otherwise). Payment must be made electronically after which a proof of payment will be sent. For payment by credit card an additional 5% will be added to your registration fee.

## Cancellation terms and conditions

Cancellation of your registration must be

done in writing via [info@petctworkshop.nl](mailto:info@petctworkshop.nl) (Els Moester) and is final only after written confirmation.

## Refund policy in case of cancellation

Full refund when less than 10 participants apply. **From June 1 to July 31, 2020:** full refund minus €50,- administration costs.

**From August 1 to September 10, 2020:** 80% refund. **After September 10, 2020** no refund will be given.

## Credits

Accredited by both NVNG and NVVC for 12 points.

## COVID-19

We aim an occupancy of two participants per workstation for the hands-on workshops. However, due to the current national 1.5m distance measures (RIVM), currently only one participant per workstation is registered. Only when the national rules are sufficiently relaxed will this be extended to two participants per workstation. If the RIVM or Dutch government imposes restrictions on COVID-19 and as a result the workshop cannot take place, a refund of the entire registration fee minus €50,- administration costs will follow. The organization reserves the right to change the program, for instance to divide the workshops into two smaller groups (morning and afternoon sessions will then be switched for one group). In case of cancellation due to COVID-19 restrictions, the organization will not be liable for any consequential damages.



accreditation:  
12 points



accreditation:  
12 points

This workshop is supported by

**SIEMENS**  
**Healthineers**



INVIA



Cedars  
Sinai



IONETIX

Ammonia N-13, Anytime, Anywhere



Morning sessions: Noordwest Ziekenhuisgroep (Alkmaar)

(Wilhelminalaan 12, 1815 JD Alkmaar)

The hands-on sessions: Noordwest Academie (Alkmaar)

(Nassauplein 10, 1815 GM Alkmaar)



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Information in this flyer may be subject to change. See website for the latest details.