

# ALKMAAR CARDIAC PET/CT WORKSHOP

22-23 SEPTEMBER 2022

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 May 25<sup>th</sup> 2022: see [www.petctworkshop.nl](http://www.petctworkshop.nl)

# Program

Thursday, September 22<sup>nd</sup> 2022

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*

09.05 Recap of basic cardiac anatomy and physiology

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

09.15 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*

09.35 Cardiac PET reading & reporting

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

09.55 Patient selection for cardiac PET. Diagnostic accuracy and prognostic value of cardiac PET

*Ibrahim Danad, MD, PhD, Cardiologist*

10.20 **Coffee break**

10.45 Cardiac PET imaging procedure. Myocardial blood flow and choice of cardiac PET tracers

*Sergiy V. Lazarenko, PhD, Medical Physicist*

11.15 Artificial intelligence in cardiac PET

*Luis E. Juárez-Orozco, MD PhD*

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**

13.15 Site visit (department of Nuclear Medicine, 0030)

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

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

- Buttonology and image processing
- Buttonology CaSc
- Cases: Normal, ischemia, infarction
- Cases: Myocardial blood flow measurements

15.00 **Stent Side Branch Occlusion**

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

15.30 **Coronary artery calcium scoring from low dose CT scans - how to proceed?**

*[Speaker to be confirmed]*

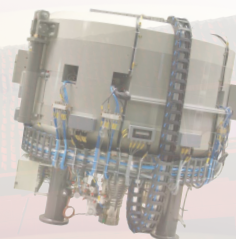
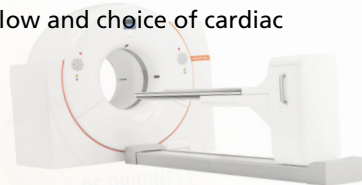
16.45 **Site visit (department NM & Cyclotron, Noordwest Ziekenhuisgroep, Alkmaar)**

*Ronald G. Pronk, MSc*

**Cardiac PET tracer production**

*Marja D.L. ter Borg, Radiopharmacist/QP*

18.30 **Dinner in the Alkmaar city center**





# Program

Friday, September 23<sup>rd</sup> 2022

08.30 Coffee

## Lectures (held at the Foreestzaal, Noordwest Ziekenhuisgroep Alkmaar)

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

*Sergiy V. Lazarenko, PhD, Medical Physicist*

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

*Tjeerd Germans, MD PhD, Cardiologist*

09.50 FFR, CFR and ischemia: all the same?

*Tim van de Hoef, MD PhD, Cardiologist*

10.15 Extracardiac findings

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

## 10.30 Coffee break

11.00 Physics and PET acquisition. Kinetic modeling and quantitative PET in cardiology

*Prof. Mark Lubberink, PhD Uppsala University, Sweden*

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

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

12.05 Cardiac PET facilities and tracer production. Preparing a business case for cardiac PET/CT

*Klaas Pieter Koopmans, MD PhD, Nuclear Medicine Physician*

## 12.30 Lunch

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

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

- Cases: Various
- Cases: Pitfalls & Artifacts
- Cases: Extracardiac findings
- Demo stations for cardiac PET processing

14.15 Data Driven Motion Correction for PET cardiac perfusion scans

*Chuck Hayden, Sr Staff Scientist, Siemens Healthcare*

15.15 Features and new developments in cardiac PET processing software

*Sergiy V. Lazarenko, PhD, Medical Physicist*

## 16.30 Farewell drink



Program may be subject to change. The spoken language of the entire course will be English,  
See the website for additional information, registration, important dates, locations

## Location

The Alkmaar Cardiac PET/CT Workshop 2022 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 May 25<sup>th</sup> 2022 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 workshop will only take place when a minimum of 12 participants apply.

## Registration fees

The registration fee of the workshop is €650 for early registration **before or on September 15<sup>th</sup>, 2022**. **From September 16<sup>th</sup>, 2022** the registration fee will be €850. This includes course material, coffee/tea, lunches and a joint dinner in the Alkmaar city center. 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

**From June 1<sup>st</sup> to July 31<sup>st</sup>, 2022:** full refund minus €50,- administration costs.

**From August 1<sup>st</sup> to August 21<sup>st</sup>, 2022:** 80% refund. **After August 21<sup>st</sup>, 2022** no refund will be given.

Full refund if the workshop is cancelled when the minimum of 12 participants is not reached.

## Credits

Accreditation by NVNG, NVVC and NVKF is requested for 12 points each.

## COVID-19

We aim an occupancy of two participants per workstation for the hands-on workshops. However, if COVID-19 distance restrictions are again imposed, only one participant per workstation will be allowed. If the RIVM or Dutch government imposes very strict 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 speakers and/or 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.



This workshop is supported by



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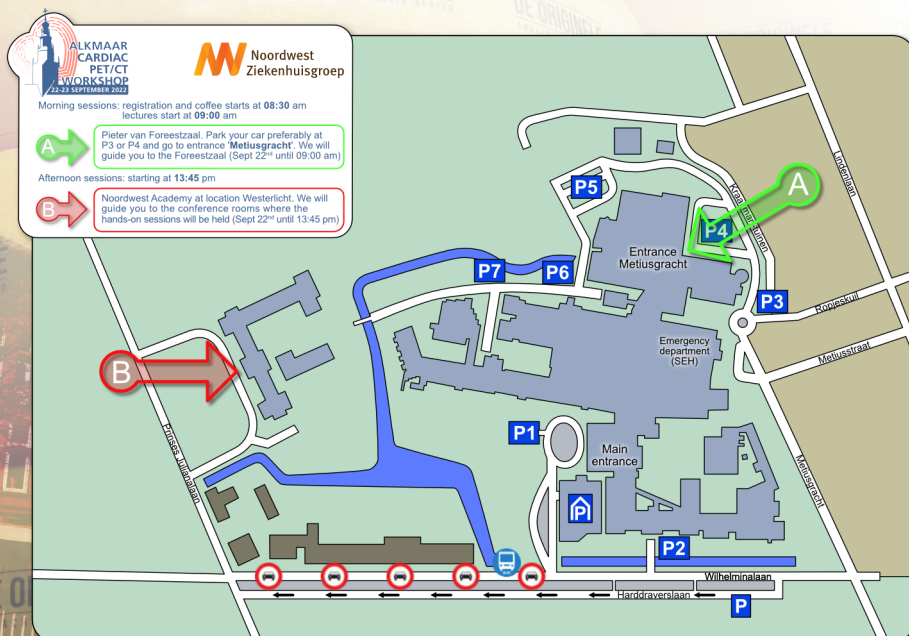


**Morning sessions: Noordwest Ziekenhuisgroep (Alkmaar)**

(Wilhelminalaan 12, 1815 JD Alkmaar)

**Hands-on sessions: Noordwest Academie (Alkmaar)**

(Location Westerlicht, Prinses Julianalaan 14, 1815 JE Alkmaar)



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