

VIRTUAL TRAINING WEBINAR



**ACIST HDi™**

# Optimizing PCI using FFR and HD-IVUS

## **PART 4**

**The role of IVUS in guiding calcium  
modification strategies**

Save the Date

**Thursday, 24 November 2022**

**5:30pm - 7:00pm (CET)**

Erasmus Medical Center,  
Rotterdam (The Netherlands)

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**Joost Daemen, MD, PhD**  
Interventional Cardiologist

**Jurgen M.R. Ligthart  
& Karen Th. Witberg**  
Percutaneous  
Imaging Specialists

After registering, you will receive  
a confirmation email containing  
information about joining the webinar.

**For more information, please  
contact Olivera Kotevska at  
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 **ACIST®**

# ACIST HDi™

## Optimizing PCI using FFR and HD-IVUS

### PART 4



## Program Description

The ACIST sponsored webinar presented by Joost Daemen, MD, PhD and Jurgen M.R. Ligthart from the Erasmus University - Department Cardiology, Rotterdam/ Netherlands is an interactive educational program that is designed for physicians that want to learn more about using FFR and HD IVUS for PCI optimization in clinical practice. This exclusive event will be lead by Joost Daemen, MD, PhD and Jurgen M.R. Ligthart who have extensive experience with this technology in their daily clinical practice.

## Learning Objectives

- Appreciate different types of calcium
- Select most appropriate modification strategies
- Assess modification effect and guide stent implantation



## Presenters

### **Joost Daemen, MD, PhD**

*Interventional Cardiologist*

Joost Daemen is a senior interventional cardiologist at the Thoraxcenter, Erasmus MC, Rotterdam, the Netherlands. He finished medical school at the Erasmus University Rotterdam, the Netherlands in 2005. Between 2005 and 2008, he completed a PhD project entitled “the caveats of drug-eluting stents – a critical appraisal of the safety concerns.” After obtaining his PhD Cum Laude, he commenced his clinical and interventional cardiology training at the Thoraxcenter in Rotterdam and partly in Insel Spital, Bern, Switzerland. At present, Dr. Daemen is participating in cath lab related activities including complex PCI including the use of left ventricular assist devices, intracoronary imaging and physiology and structural heart interventions including TAVI and Mitraclip as well as renal sympathetic denervation. Next to his clinical activities Dr. Daemen is highly active in cardiovascular research with a specific focus on intracoronary imaging and physiology.



### **Jurgen M.R. Ligthart & Karen Th. Witberg**

*Percutaneous Imaging Specialists*

Karen Th. Witberg (CCRN) and Jurgen M.R. Ligthart (RT) have worked together in percutaneous imaging (IVUS, OCT, IntraCardiac Ultrasound and Echo guided punctures) since 2008, specializing in image interpretation of IVUS and OCT. They developed a dedicated database for percutaneous imaging with 5,600 patients and 15,000 pullbacks in DICOM, and still growing, with clinical reports of the percutaneous imaging runs also part of the database. Both contributed to publications about IVUS and OCT and recently authored 3 chapters about IVUS in a book that will be published in spring 2020. Together with the interventional cardiologists of Erasmus MC, they have initiated several IVUS and OCT courses with live cases from the cath lab. Jurgen Ligthart has been active in percutaneous imaging since 1989 and has hosted many courses and workshops for international congresses and hospitals abroad. He is the founder of LIMIC Medical, in which Jurgen and Karen work together as free-lance consultants in percutaneous imaging.

