

ACIST HDi® Advanced IVUS Virtual Event

Basics of IVUS image interpretation—
Focus on Procedural Guidance



Erasmus University – Department of Cardiology, Rotterdam/Netherlands

Thursday, 22 April 2021, 17:00-18:00 (CET)

Program Description

This workshop event is an interactive educational program that is designed for physicians who want to further develop their intravascular ultrasound skills with a specific focus on Step-by-Step HDi IVUS Guided PCI using the HDi IVUS high definition imaging technology.

Program Objectives

- Plaque characterization
- Procedural planning
- Post PCI optimization

Registration Information

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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.