

Coronary Advanced

Building proficiency in complex coronary interventions

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This learning module is designed for:

Interventional cardiologists

Fellows in interventional cardiology that have experience with AMI, CTO and more complex PCI



Endorsed by the European Bifurcation Club (EBC), Coronary Advanced is the third and most complex solution in Mentice's comprehensive coronary intervention training platform. It assumes familiarity with the basics of coronary intervention covered in Coronary Essentials and Intermediate and aims to build on that knowledge with the inclusion of more advanced techniques within Percutaneous Coronary Intervention (PCI), Acute Myocardial Infarction (AMI), Physiology assessments in Multi-vessel disease (MVD), Chronic Total Occlusion (CTO), and bifurcation stenting techniques to support Interventional Cardiologists and their teams for the growing number of high-risk patients and challenging procedures.

Bifurcation stenting remains one of the most challenging topics in interventional cardiology. Coronary Advanced assists operators and interventional teams in mastering the details of different bifurcation stenting techniques. It allows them to perfect the optimal techniques for different anatomical situations and supports immersive complication management training in a safe and patient-free learning environment.

*All virtual proctor-led steps in the Coronary Advanced bifurcation procedures are according to the EBC annual consensus and precisely follow their recommendations.

Features & Benefits

Key Benefits

Unique and highly realistic platform to train on strategic and technical aspects of bifurcation stenting

Only simulation training available on the market offering full and simultaneous control of two wires, balloons or stents

Included expert step-by-step guidance for a variety of bifurcation stenting techniques

Develops trainee's understanding of effective crossing strategy changes in complex CTO-PCI to increase procedural success

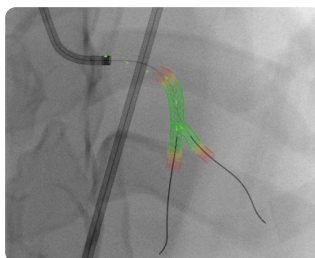
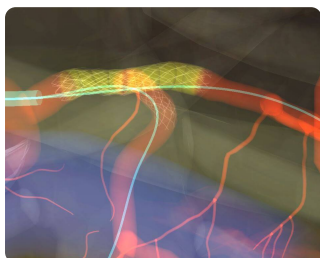
Prepare and facilitate interventional teams for complication management during life-threatening situations in the most advanced acute scenarios (e.g., Emergency PCI of LM-Bifurcation)

Features & Functionalities

- Treatment of bifurcation lesions using dual wire/balloon manipulation
- Variety of bifurcation stenting techniques such as Provisional Optimization Technique (POT), T-Stenting and Protrusion (TAP), Culotte, DK-crush
- Built-in expert step-by-step guidance
- Visual guidance for device positioning within the bifurcation lesion
- Intravascular imaging (IVUS and OCT) for lesion assessment
- Physiology assessment using FFR, RFR, and iFR
- Challenging AMI scenarios incl. LM
- Subintimal and retrograde CTO scenarios
- Companion proctor app for iPad to customize scenarios and trigger real-time complications

Training Objectives

- Choose the optimal bifurcation stenting technique for different anatomical situations according to recommendations of the European Bifurcation Club (EBC)
- Master the steps of a variety of bifurcation stenting techniques in a safe and learning-enhanced environment
- Exposure to complex interventional techniques and complication management
- Effectively change crossing strategy and technique in complex CTO-PCI
- Manage STEMI patients with LM thrombus involving bifurcation
- Learn how to perform PCI in time-critical high-risk AMI



For case description, please contact us [here](#)

Related Products

Learning Modules

Coronary-Essentials



Coronary Intermediate



Transradial Approach

