BELLOW-THE-KNEE INTERVENTION

HANDS-ON TRAINING FOR CRITICAL LIMB ISCHEMIA

Mentice Below-the-knee (BTK) Intervention provides ongoing education to the multidisciplinary teams to ensure proper care of patients with Critical Limb Ischemia (CLI). Non-healing wounds in the lower leg are complicated to treat and may lead to limb loss, a devastating event in life with profound physical and psychological consequences. The module provides a training opportunity for limb-salvaging procedures in critical ischemia, in a learner focused and risk-free environment.

The BTK module assumes basic experience in peripheral angiography and familiarity with interventional devices and associated techniques. It provides staged training for students at different experience levels and covers how to gain access to and treat lesions in all main vessels of the lower leg. For the more advanced learners, handling of perforations and pedal-plantar loop techniques are included as well as a platform for discussions of the angiosome concept.

KEY TRAINING OBJECTIVES

- Select appropriate devices for recanalization
- Review angiography prior to treatment
- Train exchanging .035", .018" and .014" guide wire platforms
- Navigate wire through an occluded lesion
- Use different devices to cannulate CTO lesions
- Safely advance PTA balloon and eventually stents into the lesions
- Change of strategy in case of difficulties
- Access the lesion via transplantar loop
- Perform PTA and optional bailout stenting in case of failure

More training objectives can be found at mentice.com/below-the-knee-intervention

KEY BENEFITS

- Treatment planning based on patient scenarios
- Understand and discuss different puncture sites
- Introduction to clinical devices for below-the-knee intervention
- Acquisition of technical and manipulation skills
- Image and radiation management below the knee
- Discussion of angiosomes and drug-eluting balloons
FEATURES AND FUNCTIONALITIES

- Complete clinical scenarios for patient-oriented learning
- Patient interaction with option to rotate patient’s leg
- Realistic haptic feedback during crossing of lesions and CTOs
- Support for pedal-plantar loop technique
- Different antegrade and retrograde access points
- Complication management of perforations
- 3D anatomy for enhanced learning
- Radiation management including DSA, roadmaps and collimation
- Realistic device behavior requiring appropriate device selection
- Detailed metrics for assessment and debriefing

THIS TRAINING MODULE IS DESIGNED FOR

- Interventional radiologists

RELATED MODULES

- Iliac and SFA intervention
- Peripheral angiography

CASE LAYOUT

- Total of 7 cases covering lesions of different types (CTO), length and difficulty

For more information, please visit mentice.com/below-the-knee-intervention or email info@mentice.com