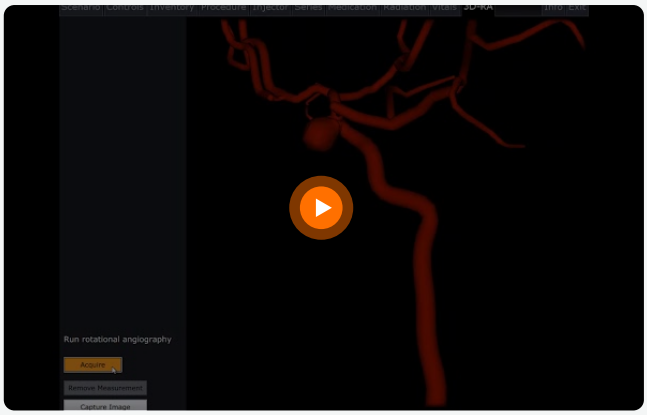
Neurovascular Coiling

Hands-on training for cerebral aneurysm coiling

LEARN MORE



This learning module is designed for: Interventional neuroradiologists

Mentice Neurovascular Coiling is designed to learn skills essential to cerebral interventional procedures. The module facilitates technical, procedural and cognitive training and discussions in a complete risk-free environment for these delicate procedures.

The Neurovascular Coiling Module offers the opportunity to treat cerebral aneurysms of different size, shape and location prior to patient procedures and with different strategies (balloon-/stent-assisted coiling).

Psychomotor skills, patient assessment and procedural decisions may be implemented by a learner and reviewed by the instructor to optimize the training time. Using VIST® Case-It, you can even import patient specific CT data and create your own case library for training.

Features & Benefits

Key Benefits

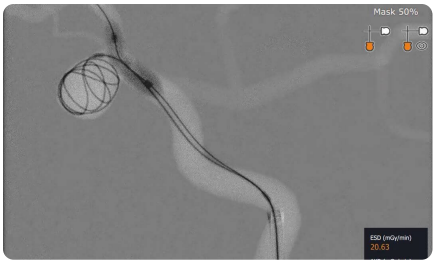
- Procedural planning based on patient scenarios
- Learn the procedural steps for cerebral angiography
- Acquire pertinent technical and manipulation skills
- Safely access and navigate the cerebral vasculature
- Teaches balloon- and stent assisted coiling

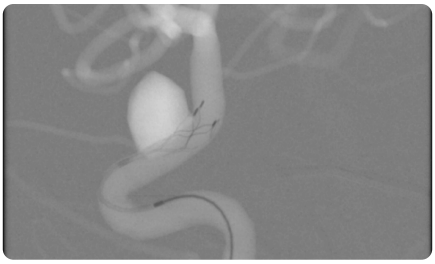
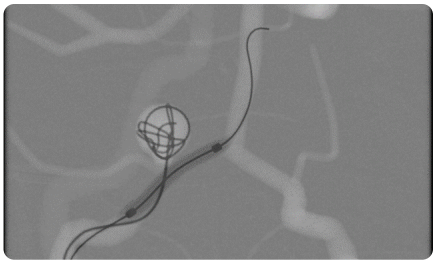
Features & Functionalities

- Actual clinical devices can be used for realistic experience
- Procedural complications (perforation, dissection, spasm)
- BRT & SACT for assistance during coiling
- Advanced imaging using roadmaps and biplane
- 3DRA functionality for sizing and anatomy study
- Genuine resistance encountered with over-sizing or over filling of the aneurismal sac
- Fill rate calculated based on coil selections and deployment
- Detailed metrics for assessment and debriefing
- VIST® Case-It support makes it possible to import user's own cases or build cases using existing anatomy library

Training Objectives

- Perform a safe carotid access in different aortic arch types
- Manipulate C-arm projection (incl. biplane) and magnification for assessing the aneurysm
- Select and deploy coils with appropriate diameter and length
- Perform the balloon remodeling technique (BRT)
- Safely perform stent-assisted coiling (SACT, trans-cell)
- Demonstrate safe device manipulation inside the aneurysm and managing related complications
- Understand and handle complications during distal access in tortuous cerebral anatomy



For case description, please contact us here

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