

Thoracic Endovascular Aortic Repair

Hands-on training for Thoracic stent grafting

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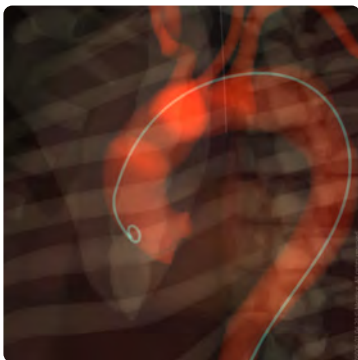


This learning module is designed for:

Interventional radiologists

Interventional cardiologists

Vascular surgeons



Mentice Thoracic Endovascular Aortic Repair (TEVAR) is designed for physicians and medical professionals engaged in image-guided interventional management of Thoracic Aortic Aneurysms (TAAs). Training this advanced procedure on a simulator builds a thorough understanding of hands-on TAA treatment. The Mentice TEVAR module has an accompanying CT data set for complimentary training on technical aspects, sizing, and procedure planning. The module supports VIST® Case-It, allowing end users to import real cases from anonymous DICOM data.

Accurate measurement and feedback on graft positioning, combined with tactile feedback, advance the trainee's understanding of the correct deployment technique. By importing real-life hospital cases from CTA or MRA, training possibilities are virtually endless, and scenarios can be added and adapted to fit custom training objectives. With a VIST® G5 extension, the module can be run with bifemoral access to enhance training realism further.

Features & Benefits

Key Benefits

Teaching patient selection and preop planning

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Managing and minimizing radiation dose exposure

Training of required technical and manipulation skills

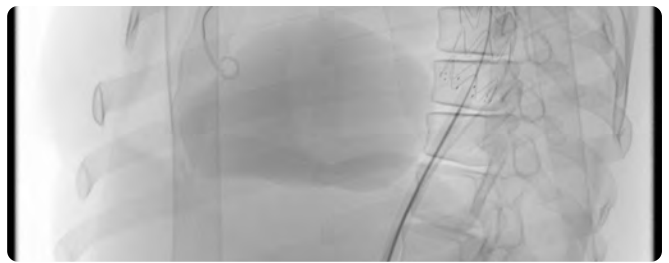
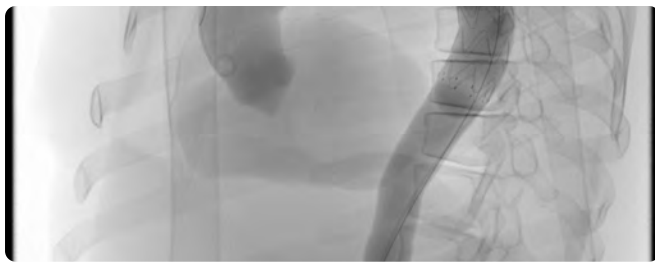
Review, validation and amendment of the procedure plan

Features & Functionalities

- Bifemoral access (with optional VIST® G5 extension)
- Support for VIST® Handle 1 wireless generic handle
- Real delivery systems can be used (up to 24F)
- Cases are delivered with corresponding CT data for planning and sizing purposes
- Treatment of aortic dissections, thoracic aortic injuries (TAI) and ruptured aneurysms (rTAA)
- DSA, roadmap and shutters for dose management
- Interactive hemodynamics and vital signs
- 3D-overlay for enhanced visualization and understanding
- Comprehensive metrics for assessment and debriefing
- VIST® Case-It support enables rapid and easy import of the user's own cases from CT data

Training Objectives

- Learn to plan and size different stent graft systems
- Perform a controlled advancement of graft system into the aorta
- Correctly place graft in relation to branch vessels
- Efficiently work with radiation exposure to patient and operator
- Control blood pressure during graft deployment
- Carefully and appropriately deploy devices
- Handle short landing zones
- Perform post treatment angiogram to assess outcome
- Avoid and manage endoleaks



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

Related Products

Learning Modules

Endovascular-Aortic-Repair



Case-It

