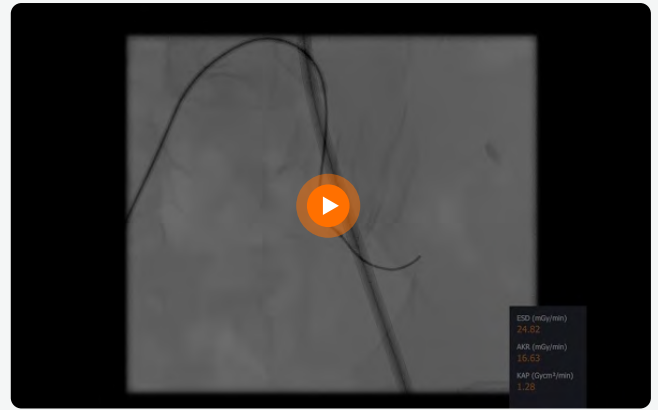


Vascular Trauma Management

Hands-on training for life-saving image-guided intervention techniques

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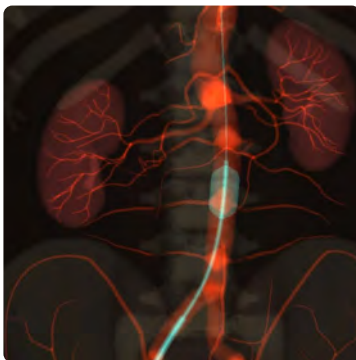


This learning module is designed for:

Interventional radiologists

Vascular surgeons

Trauma surgeons



Mentice Vascular Trauma Management is designed to develop an understanding of image-guided interventional treatment methods for trauma surgeons, vascular surgeons, interventional radiologists, emergency medicine professionals and their teams.

The module includes cases covering REBOA (Resuscitative Endovascular Balloon Occlusion of the Aorta) and embolization techniques for internal hemorrhage control. It provides essential procedural and technical skills training for REBOA to temporize hemorrhagic shock such as blunt or penetrating abdominal trauma, pelvic fractures causing pelvic hemorrhage, ruptured abdominal aortic aneurysms, or a crashing trauma patient.

Additionally, cases provide staged training in embolization techniques for the more experienced teams, including correctly identifying and controlling pelvic hemorrhage as well as strategic decision-making.

Features & Benefits

Key Benefits

Cross-specialty planning and communication

Understanding endovascular management of vascular trauma

Training the REBOA technique in a stepwise approach

Individual or team training of various trauma embolization techniques

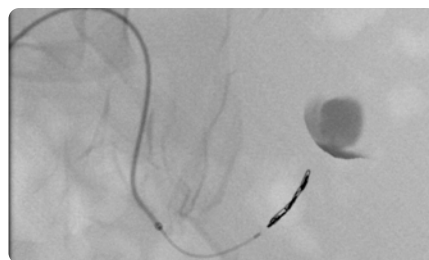
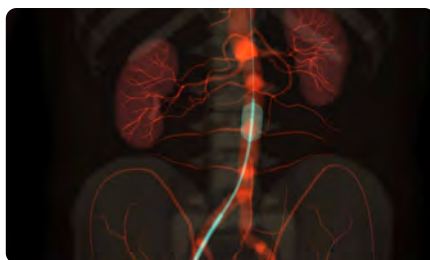
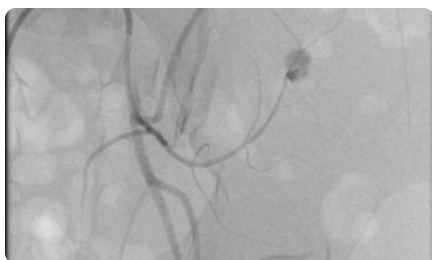
Training of essential endovascular technical and manipulation skills

Features & Functionalities

- Realistic device and anatomy appearance
- Interactive hemodynamics and vital signs
- Support for multiple REBOA techniques
- Easy-to-use selection of embolization agents and delivery
- Gelatin sponge embolization (slurry/torpedo)
- Coil embolization
- Support for "sandwich" technique (coils and gelatin sponges combined)
- Bleeding sources in branches of internal iliac and lumbar arteries
- Tips and tricks on how to avoid embolization of non-target vessels
- Dynamic vasospasms based on tool navigation skills
- Dual leg support allowing REBOA in combination with embolization

Training Objectives

- Understand and find correct location for REBOA balloon (zones I-III)
- Perform REBOA with or without fluoroscopy guidance
- Use selective angiography to identify source of bleeding
- Discuss and choose appropriate embolic material and access technique
- Perform embolization with appropriate materials in different locations and different size arteries
- Preserve circulation in adjacent vessel branches
- Avoid vasospasms in small vessels
- Manage complications



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

Related Products

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