

Uterine Artery Embolization

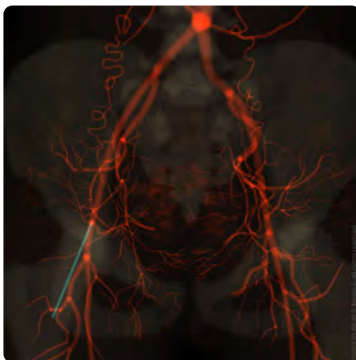
Hands-on training for fibroid embolization

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This learning module is designed for:

Interventional radiologists



Mentice Uterine Artery Embolization (UAE), also known as Uterine Fibroid Embolization (UFE), is designed for teams to learn the procedural steps used in the treatment of symptomatic fibroid disease. The module provides the essentials needed to learn UAE in a simulated setting, and facilitates discussions on the techniques associated with gaining access to the uterine arteries, as well as embolization in a learner-focused, risk-free training environment.

UAE has in recent years emerged as an alternative to treat uterine fibroids due to encouraging results for symptomatic fibroid disease. The procedure requires careful catheter and wire manipulation to gain and maintain access to the uterine artery. Particles are then carefully injected through the catheter to block the blood flow to the fibroid. It is vital that the service is delivered by the gynecologist and the endovascular specialist in a team approach.

Features & Benefits

Key Benefits

Procedure planning based on patient scenarios

Teaches principles of various particle embolization techniques

Perfect the procedural steps of UAE

Learn how to minimize radiation to the ovaries

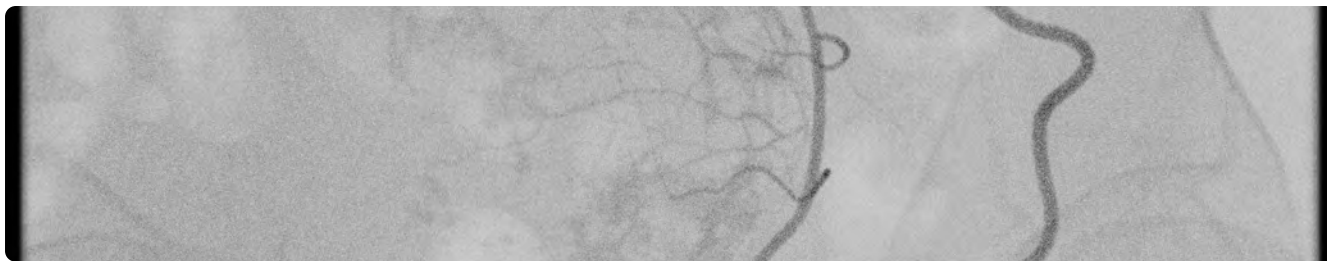
Manage complications and discuss aftercare

Features & Functionalities

- Complete clinical scenarios for patient-oriented learning
- Ability to use real clinical devices
- Guidance throughout the case
- Different anatomies of varying difficulties
- Realistic device behavior requiring appropriate device selection
- Advanced imaging with DSA and 3D overlay
- Recommended microcatheter positions for embolization
- Different sized PVA particles and microspheres available for embolization
- Arterial flow depends on level of embolization
- Blushing of myoma when approaching saturation
- Backflow sensitive to embolization level and injection speed
- Visualization of non-target embolization
- RUC catheter and Waltman loop technique supported
- Detailed metrics for assessments and debriefing

Training Objectives

- Build familiarity with the pelvic vasculature and the uterus
- Demonstrate catheterization skills to navigate the branches of the internal iliac artery
- Manipulate catheters to treat bilateral fibroids
- Select and vary appropriate particle type and size for embolization
- Perform a safe and efficient embolization technique
- Recognize and manage potential non-target embolization
- Ability to manage dose exposure in long and sensitive procedures



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

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