

VirtaMed ArthroS™ Ankle Module^{NEW}

Virtual reality training simulator for ankle arthroscopy

Highest realism

- Photo-realistic graphics
- Bleeding & complications
- Anatomically correct ankle module with joint distraction and rotation

Customized training

- Vast variety of different training cases and pathologies available
- Tailored and adaptable curriculum
- Live performance feedback, expert-defined scoring and course certificates



Original instruments

- Adapted original surgical instruments such as arthroscope, hook, grasper, shaver used
- Provide a seamless transfer of skills to the OR
- Unlimited range of motion

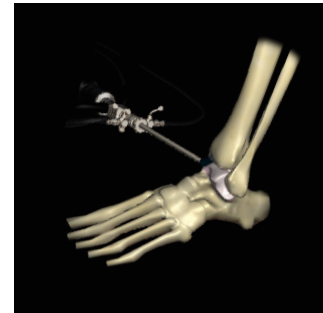
Swiss engineering

- Easy switch between knee, shoulder, hip & FAST modules
- Ankle: Anterior and posterior position

ArthroS™ Ankle Module

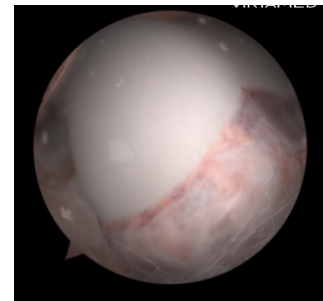
Focus on navigating the anatomy

Navigating the ankle joint is difficult, as the ankle is a narrow joint and the risk of damaging cartilage or nerves is higher than most other arthroscopic surgeries. The curved bone horizon is disorienting, and surgeons often lose track of the exact location of the arthroscopic camera in the absence of visual landmarks. With an outside view of the joint and the relative instrument location, the trainee can hone their diagnostic and therapeutic skills. The VirtaMed ArthroS™ Ankle provides a risk-free environment for surgeons to find their way around the joint.



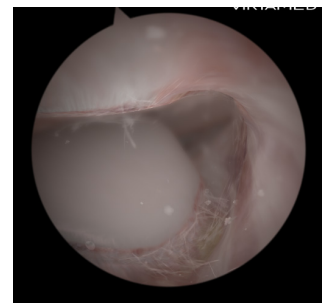
Diagnostic and therapeutic arthroscopy

Along with the other VirtaMed ArthroS™ modules, the ankle module features diagnostic training that will aid in improving dexterity and triangulation. Trainees are able to establish their triangulation skills with cameras with a variety of scopes, all the while learning how to maneuver in the narrow spaces available. For more advanced trainees, the simulator offers a wide variety of therapeutic patient cases that include anterior impingement, cartilage defects, synovitis, and loose bodies.



Highly realistic environment

The original instruments adapted for simulation teach the surgeon how to handle the tools correctly from the start, and the lifelike anatomic model provides an authentic realistic tactile sensation. The ankle joint features both anterior and posterior access, and the patient can be treated in prone and supine positions. The joint can be freely manipulated in dorsiflexion and plantar flexion, and the model enables joint distraction.



Easy integration into a training curriculum

The VirtaMed ArthroS™ Ankle features numerous patient cases and pathologies along with customizable proficiency exams that allow for a broad learning experience. With expert-defined scoring and the possibility for proficiency-based learning, the VirtaMed ArthroS™ Ankle allows you to incorporate simulation into your arthroscopic surgery curriculum. The VirtaMed ArthroS™ Ankle module is part of the VirtaMed ArthroS™ platform, which makes it easy to swap between the other ArthroS modules: ankle, knee, shoulder, hip, and FAST.

