

SynAtomy Arthrocentesis Knee

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Our SynAtomy Arthrocentesis Knee trainer is a high fidelity synthetic knee ideal for teaching students how to perform or assist in arthrocentesis. Continuous practice on this lifelike simulator will help students build their skills and confidence in a biohazard-free environment.



This knee model utilizes lifelike features such as aspiration resistance when a needle tip is superficial to the joint capsule. Ultrasound compatible anatomic features include the patella, tibia, fibula, femur, synovial sac and synovial fluid. Simulated synovial fluid may be removed medially or laterally.

Extraordinary Features: SynTissue synthetic human tissues are made from salt, water and fiber—which feature the world's most realistic tactility. SynTissue synthetic human tissues match the acoustical characteristic of real human tissue.

Relevant Skills: Ultrasound guidance, knee aspiration, intra-articular injection, suprapatellar effusion and palpation.

Included Components

- Synovial cavity with replaceable synovial fluid
- Patella
- Tibia
- Fibula
- Femur
- Muscular phantom
- Subcutaneous fat
- Skin
- Pelican Case
- Stand

Available Options Choose skin tone.

Equipment Compatibility: Needles, syringes and ultrasound equipment.

