Models are **NOT** intended for injection of fluids

THANK YOU FOR PURCHASING

THE SAWBONES ARTHROSCOPY KNEE (WET MODEL)

This arthroscopy model may be used for diagnostic and visualization skills including triangulation and pathology identification. Meniscectomy, loose body retrieval, and some suturing applications may also be performed. With this model these procedures can be carried out in a fully wet environment where a constant inflow/outflow of fluid is desired. The model may also be manipulated in full range of motion including varus and valgus positions. With a little care and maintenance your new model should provide you with many years of service.

FEATURES

- The arthroscopy knee model can be moved in flexion, extention, varus and valgus.
- If more space is desired within the joint space, remove one or both of the tibial plug retaining straps.
- This model comes with eight standard pre-molded portals. Additional portals may be created with a #11 scalpel and a sharp trochar.

COMPONENTS & ANATOMY

MODELS INCLUDE:

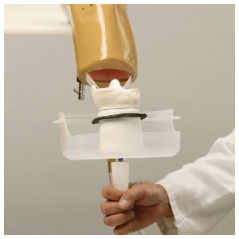
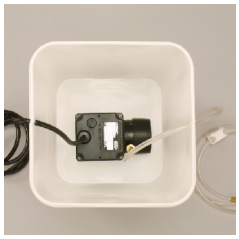
- Soft tissue knee
- Tibial plug & shaft
- Patella fronds
- Normal meniscus
- Basin assembly
- Pump assembly
- Reservoir assembly
- Bone & C-clamp

ANATOMICAL STRUCTURE:

- Distal femur
- Patella fronds pathology
- Proximal tibia
- Collateral ligaments
- Anterior/posterior ligaments
- Normal anatomy meniscus
- Synovial capsule

NOTE: Replacement parts available at www.sawbones.com

1400 & 1400-6
Set-Up Instructions


SET-UP INSTRUCTIONS

1. Attach the bone and C-clamp combination to the table as shown.
2. Secure the femoral shaft in the bone clamp.
3. Install meniscus onto tibial plug.
4. Replace tibial plug in soft tissue knee.
5. Take basin assembly and tibial shaft and install onto the tibial plug and retaining straps.
6. Check that the retaining straps are between the tibial plug and basin.
7. Fill the reservoir with water to the half-way point.
8. Place pump assembly in the bottom of the reservoir. The power cord and inflow tube should exit the reservoir in the slots provided on the lip.
9. Attach the drainage tube to the bottom of the basin.
10. Use latex tube to create a tight seal over bulkhead fitting.
11. Insert the other end of the drainage tube into the center hole of the reservoir lid.
12. The provided inflow tube from the pump has a Roberts clamp to assist with flow rate and a latex adapter tube to assist with the inflow cannula connection.

NOTE: the pump for 1400 is 110W and the pump for 1400-6 is 220W

CARE & MAINTENANCE

Your model can be wiped down with any mild cleaner. Use only the dry erase marker on the model. Standard ink can not be removed. When you complete your arthroscopy exercises, unplug the pump, empty the reservoir, and drain all the tubing. Remove the tibial plug so it can dry properly. Even once it's dry, do not reinstall the tibial plug into the soft tissue since it can damage the water retention gasket and inner synovial walls. Allow all other components to dry completely before storing. Store in a dry, dark place out of direct contact with sunlight

INSERT REMOVAL & REPLACEMENT

MENISCAL REPLACEMENT:

1. Orient the meniscus so the anterior portion matches that of the tibial plug.
2. Install new meniscus by pressing it over tibial plug.
3. Replace tibial plug and shaft in soft tissue knee.

PATELLA FRONDS:

1. Remove basin and tibial plug.
2. Insert hand into soft tissue cavity and touch the tip of the patella.
3. With the other hand apply pressure with your thumb to the outside of the soft tissue to help free the patella.
4. Install a new patella by positioning it between the femoral condyles and gently pressing it into place.

REPLACEMENT PARTS (WWW.SAWBONES.COM)

1400-5
Knee soft tissue

1116-24
Tibial plug, wet model

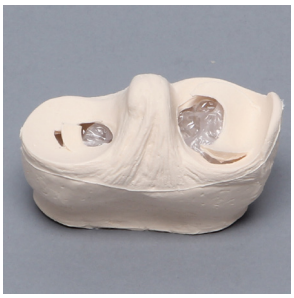
1116-22
Tibial shaft

1400-3
Basin assembly

1400-4
Re-circulating pump assembly

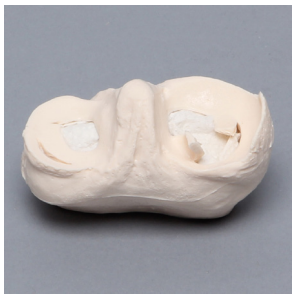
1402
Meniscus, normal

1403
Meniscus, pathology



1404
Meniscus, pathology

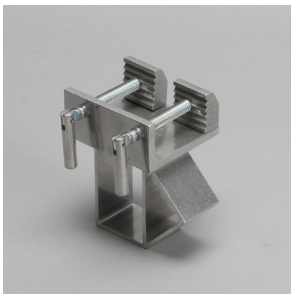
1405
Meniscus, pathology



1406
Meniscus, pathology

1119-4
Patella, normal

1407
Patella fronds



1600
Bone clamp

1601
C-clamp