

# WET KNEE ARTHROSCOPY MODEL

## #1400 & 1400-6 SET-UP INSTRUCTIONS

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.



Models are NOT intended for injection of fluids

### FEATURES

- The arthroscopy knee model can be moved in flexion, extension, 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

#### #1400 & 1400-6

#### Wet Knee Arthroscopy Model include:

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

Note: Replacement parts available at [www.sawbones.com](http://www.sawbones.com)



#### Anatomical structure:

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



## SET-UP INSTRUCTIONS



 **SAWBONES®**

### SET-UP INSTRUCTIONS

**#1400 (110W)**  
**#1400-6 (220W)**

**Step 1:** Attach the bone and C-clamp combination to the table as shown.

**Step 2:** Secure the femoral shaft in the bone clamp.

**Step 3:** Install meniscus onto tibial plug.

**Step 4:** Replace tibial plug in soft tissue knee.

**Step 5:** Take basin assembly and tibial shaft and install onto the tibial plug and retaining straps.

**Step 6:** Check that the retaining straps are between the tibial plug and basin.

**Step 7:** Fill the reservoir with water to the half-way point.

**Step 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.

**Step 9:** Attach the drainage tube to the bottom of the basin.

**Step 10:** Use latex tube to create a tight seal over bulkhead fitting.

**Step 11:** Insert the other end of the drainage tube into the center hole of the reservoir lid.

**Step 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.

## INSERT REMOVAL & REPLACEMENT

### Meniscal replacement:



**Step 1:** Orient the meniscus so the anterior portion matches that of the tibial plug.

**Step 2:** Install new meniscus by pressing it over tibial plug.

**Step 3:** Replace tibial plug and shaft in soft tissue knee.

### Patella fronds:



**Step 1:** Remove basin and tibial plug.

**Step 2:** Insert hand into soft tissue cavity and touch the tip of the patella.

**Step 3:** With the other hand apply pressure with your thumb to the outside of the soft tissue to help free the patella.

**Step 3:** Install a new patella by positioning it between the femoral condyles and gently pressing it into place.

## 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.





#1400 & #1400-6

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**REPLACEMENT PARTS FOR  
WET KNEE ARTHROSCOPY MODEL  
#1400 & #1400-6**

**REPLACEMENT PARTS**

[www.sawbones.com](http://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

