
HANDS ON DEMONSTRATION & SURGICAL SKILLS MODELS

SPORTS MEDICINE

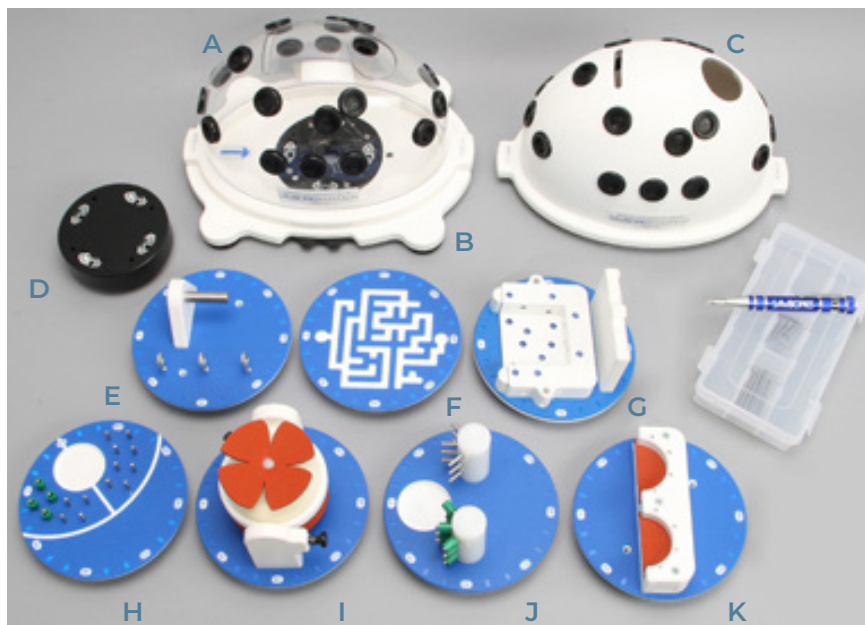
Products Catalog



**Expert models and skills
development systems for
demonstration and training**

FUNDAMENTALS OF ARTHROSCOPIC SURGERY TRAINING

The FAST program and training tools were developed and validated in partnership with AANA, AAOS, and the ABOS. This workstation is a versatile trainer designed to train and improve basic arthroscopic psychomotor skills. There are several modules available to test and develop skills for cutting, grasping, moving and tying. It is reusable, lightweight and portable with no clean up required.



#1711 — FAST Arthroscopy Training Workstation with Knot Tester.

Complete Kit Includes:

- A – Clear Shell (#1710-10).
- B – Base (#1700-1).
- C – Opaque White Shell (#1710-11).
- D – 1 Inch Spacer (#1700-2).
- E – Knot Tying Module (#1700-8).
- F – Maze Module (#1700-4).
- G – Simple Probing and Targeting Module (#1700-13).
- H – Horizontal Ring Transfer Module (#1700-6).
- I – Shoulder Module (#1700-11).
- J – Vertical Ring Transfer Module (#1700-5).
- K – Resection-Suture Passage Module (#1700-10).
- L – Knot Tester (#1700-9).

#1711-1 — FAST Arthroscopy Training Workstation without Knot Tester.

*Training videos available
on sawbones.com*



Modules can be purchased as a complete workstation or individually.

#1700-25



MAGNEFAST SHOULDER KIT

#1700-25 — MagneFAST Shoulder Kit is an extension of #1711/#1711-1 and focuses on increasing the basic psychomotor skills required to perform a basic shoulder arthroscopy. Does not include FAST Base #1700-1.

Complete Kit Includes:

#1485-35-4 — Clear shell with threaded inserts.

#1485-35-5 — Opaque/white shell with threaded inserts.

#1700-25-1 — Magnet molded into flexible mount.

#1700-25-2 — Steel ball for scope.

#1700-25-3 — Steel ball for Supereyes camera.

#1700-26 — Module for scapula and humerus inserts, slide and pivot platform.

#1700-26-3 — Glenoid insert.

#1700-26-4 — Humeral head insert.

#5723 — Supereyes camera, sold separately.

Modules can be purchased as a complete kit or individually.

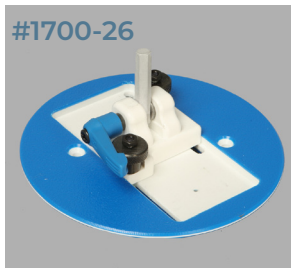
#1485-35-4



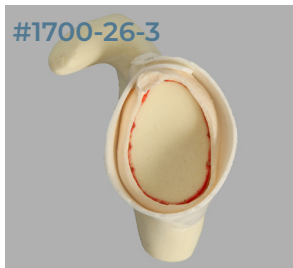
#1485-35-5



#1700-26



#1700-26-3



#1700-26-4



#1700-25-1



#1700-25-2



#1700-25-3



#1700-1



#5723



FAST WORKSHOP BUNDLES

Ready-to-use skills training workshop.

#9077-1 — Complete FAST Arthroscopy Workstation Bundle with Knot Tester includes #5700-5, Netbook and #1711 workstation.

#9077-2 — Complete FAST Arthroscopy Workstation Bundle includes #5700-5, Netbook and #1711-1 workstation.

SURGICAL TRAINING TOOLS

Surgical tools are not intended for human use.

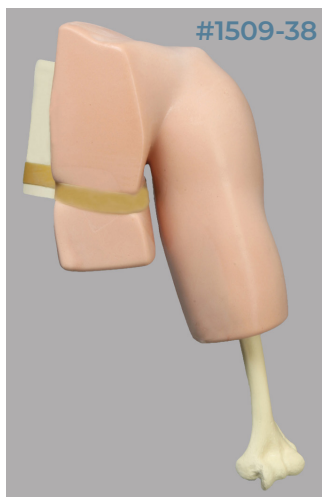
#1700-23 — Surgical training Knot Pusher tool.

#9500 — Surgical training Grasper tool. Used in conjunction with Knot Pusher. 180mm length, 12mm opening.

#9501 — Surgical training Probe tool. Used in conjunction with Knot Pusher. 140mm length, 90° x 5mm long tip.



#1509-37



#1509-38

ADVANCED SHOULDER SIMULATORS

Sawbones advanced shoulder simulators mimic the internal structures of a shoulder in a semi-disposable model.

Practice the following procedures:

- Capsular placcation
- Posterior and anterior labrum repair
- SLAP (superior labrum, anterior to posterior) tears
- Rotator cuff repair of both sides
- Suture anchor to bone
- Knot tying techniques
- Biceps tenodesis (arthroscopic)
- PASTA (partial articular supraspinatus avulsion)
- Sub-scapularis tendon repair



#1410-4-15



#1410-4-13

#1509-37 — Arthroscopy Shoulder with Replaceable Soft Tissue with Skin. Allows user to palpate structures for portal placement. Includes glenoid and humerus cartilage with Hill Sachs lesion of the humeral head.

#1509-38 — Arthroscopy Shoulder with Replaceable Soft Tissue without Skin. Same procedures and internal structures as #1509-37.

#1410-4-15 — Alex II Shoulder Professor is a surgical left shoulder simulator with wide-angle modular portal covers and a quick-release base.

#1410-4-13 — Alex III Shoulder Professor features a moveable proximal humerus that can be rotated through normal range of motion and locked into place until repositioned. Joint space between humerus and glenoid can also be increased or decreased and locked into position.



#9077-3



SHOULDER WORKSHOP BUNDLES

Ready-to-use shoulder workshops.

#9077-3 — Alex II Arthroscopy Bundle includes #5700-5, Netbook and #1410-4-15 shoulder.

#9077-4 — Alex III Arthroscopy Bundle includes #5700-5 PAC camera system, Netbook and #1410-4-13 shoulder.

#9077-5 — Arthroscopy Shoulder Bundle includes #5700-5 P.A.C. camera system, Netbook and #1509-38 shoulder.

*Replaceable component parts available at **sawbones.com**.*

#1703-169



#1703-169-6



BASIC SHOULDER SIMULATORS

Sawbones basic shoulder simulators mimic the internal structures of a shoulder in a disposable model.

Practice the following procedures:

- Rotator cuff repair
- Labrum repair
- Suture anchor
- Screw placement

#1703-169 — Dome holder for rotator cuff and labrum repair. Includes clear shell with portals and replaceable dome #1521-12-12.

Features:

- Multiple portals for a 360° access
- Adjustable inner holder enables various positions
- Suction cups hold the holder steady on the table
- Clear shell opens/closes by snap lock

#1521-12-2



#1521-12-12



#1703-169-6 — Dome holder for rotator cuff and labrum repair. To be used with replaceable dome #1521-12-4.

#1521-12-2 — Anchor training block with cuff. 10 PCF foam and a four-segment suturable cuff.

#1521-12-12 — Anchor training block with cuff and labrum. 10 PCF convex dome and 25 PCF foam shell with a 4-segment suturable cuff on top and glenoid labrum on bottom.

#1521-463



#1521-655



#1521-463 — Suture anchor block. Rotator cuff anchor placement with predrilled holes. Density 20 PCF solid foam.

#1521-655 — Glenoid suture anchor. Neoprene cuff and 10 PCF density solid foam.

#1780-4

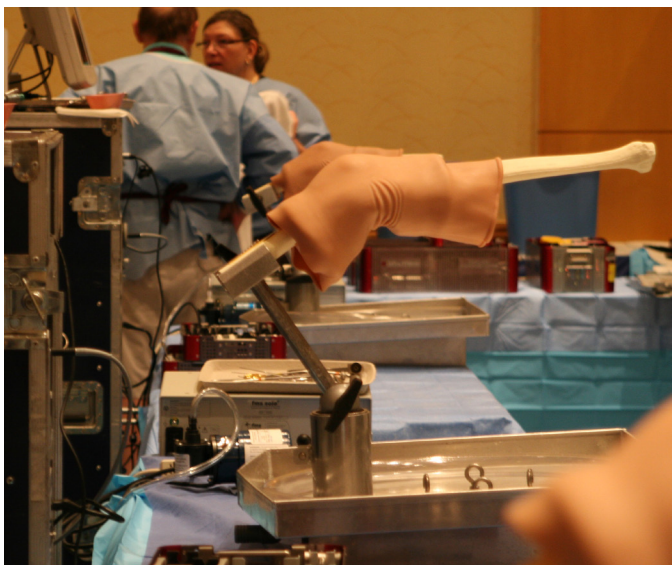


#1780-4 — Knot tying board. Includes replaceable #1521-400 biceps tendon and #1521-401 rotator cuff block. Is suitable for anchors and is cannula compatible.

Custom densities, materials, and shapes available upon request.



Replaceable component parts available
at sawbones.com.



COMPLETE ARTHROSCOPY KNEES

#1517-29-2 — Semi-disposable knee simulator with realistic internal structures that allow full range of motion to 120 degrees. Can be ordered with or without meniscal tears, and with or without the ACL and PCL. Normal meniscus.

#1517-29-11 — Semi-disposable knee simulator with identical internal components as #1517-29-2 without clamps.

Practice the following procedures:

- Meniscal repair
- Meniscectomy
- ACL/PCL repair
- Osteochondral resurfacing
- Total joint replacement
- Can be used in conjunction with Sawbones allografts and tendon grafts

#1517-27 — Encased knee includes collateral ligaments with meniscus, patella, patella tendon, and cartilage on distal femur.

Practice the following procedures:

- Meniscal repair
- ACL/PCL repair
- HTO (high tibial osteotomies)
- OATS (osteoarticular transfer system)

MENISCAL REPAIR KNEES

#1401 — Dry Arthroscopy Knee. Model designed to practice meniscal repair. Can be manipulated through valgus and varus, and flexion and extension during arthroscopic procedures. Includes meniscus insert #1402 and clamp. Pathology meniscus inserts also available.

#1703-169-4 — Meniscus Suture Trainer. Includes distal femur and proximal tibia with meniscal puck and clear collateral ligaments. Allows for varus and valgus manipulation as well as 0° to 90° of flexion and extension.

MENISCAL PUCKS FOR SUTURE ANCHORS

Ideal for suture anchor demonstrations and tacks.

#1402-9-1 — Off-white, medium to moderate elasticity.

#1402-9-2 — White, moderate elasticity.

#1402-9-5 — Tan, wide rim and mesh reinforcement.

#1402-9-9 — Off-white, two layers of reinforcement.

#1402-9-10 — Clear, diamond mesh reinforcement.

#1402-9-11 — White, two layers of reinforcement.



ACL REPAIR KNEES

Practice the following procedures:

- Angle techniques for passing and attaching synthetic ligaments
- Drilling
- Cutting

#1413 — ACL Knee Trainer with clamps. Medium left. Includes soft tissue sleeve, clamps and replaceable #1414.

#1413-1 — ACL Knee Trainer. Large left. Includes soft tissue sleeve, clamps and replaceable #1414-1.

#1413-5 — ACL Knee Trainer. Large right. Includes soft tissue sleeve, clamps and replaceable #1414-5.

TENDONS AND BONE GRAFTS

#1413-7-2 — Bone graft with pre-drilled holes. 2cm bone blocks of 20pcf foam on each end of 40mm Naugahyde ligament. Bone blocks include 3mm holes.

#1413-3 — Bone graft for ACL reconstruction. 30 mm bone plug at each end with stretch cord 25 mm long for overall length of 85 mm.

#1491-10 — Set of five tendons:

- #1491 semitendinosis tendon graft
- #1491-1 posterior tibialis graft
- #1491-2 peroneus longus graft
- #1492 tibialis tendon graft
- #1493 gracilis tendon graft

Tendons also sold separately.

#1491-11 — Semitendonosis tendon for short graft

KNEE WORKSHOP BUNDLES

Ready-to-use knee workshops.

#9077-6 — Arthroscopy Knee Bundle includes #5700-5 P.A.C. Camera, Netbook and #1517-29-2 knee.

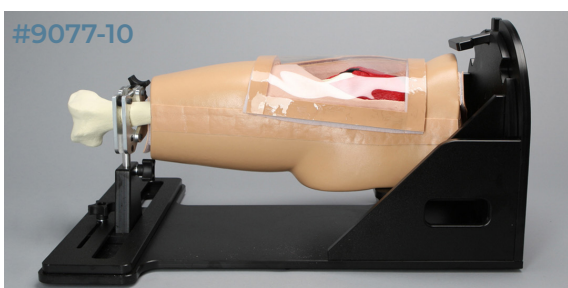
#9077-7 — Advanced Arthroscopy Knee Bundle includes #5700-5 P.A.C. Camera, Netbook and #1517-27 knee.

Replaceable component parts available at sawbones.com.

#1516-23-1



#9077-10



ARTHROSCOPY HIP

Practice the following procedures:

- Diagnostic
- Operative
- Labrum repair
- Articular cartilage with erosion repair

#1516-23-1 — Arthroscopy Hip on deluxe stand. Left. Soft tissue. For anterior or lateral approach. With replaceable bone insert #1174-28 and replacement covers #1485-45 and #1516-22-2.

Features:

- Mounted on deluxe stand #1703-19 with full rotation between anterior and lateral positions
- Allows user hands-free distraction and rotation on the femur for added joint accessibility

#1516-23 — Arthroscopy Hip with identical component parts as #1516-23-1 mounted on a basic black stand #1665. Lateral approach only, no rotation or distraction.

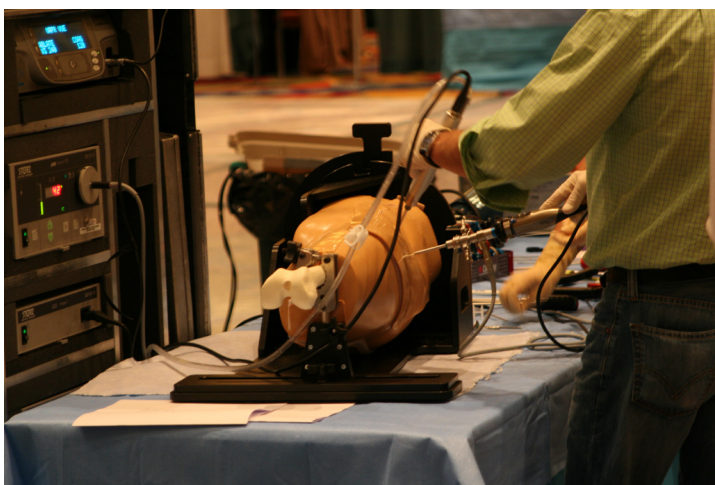
HIP WORKSHOP BUNDLE

Ready-to-use hip workshops.

#9077-9 — Arthroscopy Hip Bundle includes #5700-5 P.A.C. Camera, Netbook and #1516-23 hip.

#9077-10 — Deluxe Arthroscopy Hip Bundle includes #5700-5 P.A.C. Camera, Netbook and #1516-23-1 deluxe hip.

Replaceable component parts
available at sawbones.com.



#1412-12



ARTHROSCOPY FOOT AND ANKLE

Sawbones foot and ankle models are used for diagnostic and operative techniques.

#1412-12 — Archie Advanced Arthroscopy Ankle includes seven osteochondral lesions; four on talar dome, one on the inferior articulating surface and one on the superior articular surface of the calcaneus; one of the distal articulating surface of the tibia; osteophytes in the distal anterior rim of the tibia and anteromedial talar neck; synovitis in various positions; medial malleolar fracture; snowboard fracture of the lateral talus; os trigonum; and subtalar joint.

#1412



#1412 — Arthroscopy foot and ankle. Contains transcondylar fracture of the dorsal, medial and lateral aspect of the talus, chondromalacia area of the anterior aspect to the tibial talar joint, and osteochondral loose body at the lateral aspect of joint under anterior talofibular ligament. Includes clamp. Other pathology ankle inserts available.

#1412-8 — Arthroscopy and EPF Ankle can be used for arthroscopy and plantar fasciotomy. Includes replaceable talofibular inserts and replaceable EPF ligament. Includes clamp.

#1412-8



ANKLE WORKSHOP BUNDLE

Ready-to-use ankle workshop.

#9077-8 — Arthroscopy Foot and Ankle Bundle includes #5700-5 P.A.C. Camera, Netbook and #1412 ankle.

#9007-8



#1415-8

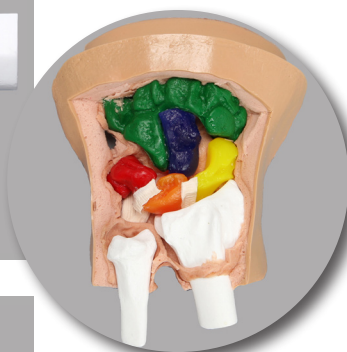


HAND AND WRIST

#1415-8 — Arthroscopy Carpal Tunnel Release Hand. Includes defined built-in flexor ligaments, median and ulna nerve and artery. Comes with replaceable transverse ligament and transilluminating palmer insert with defined crease and Kaplan's line.

#1415 — Arthroscopy Wrist. Used for diagnostic techniques. Color coded proximal and distal bones with volar ligaments attached.

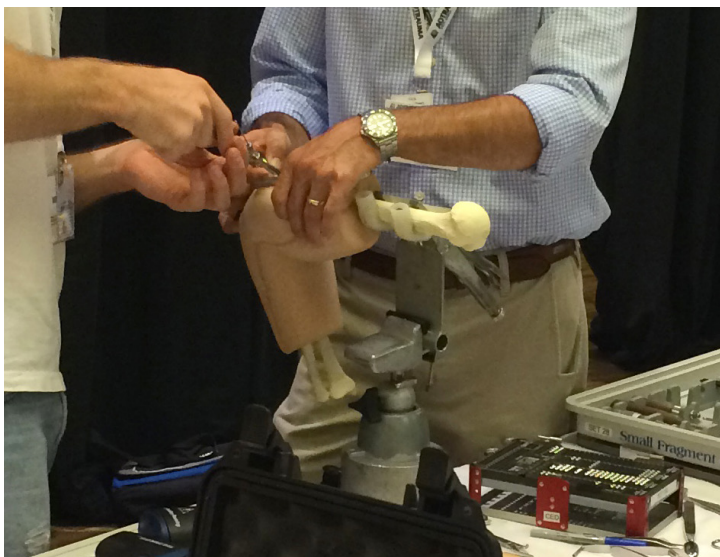
#1415



ELBOW

#1411 — Arthroscopy Elbow. Used for diagnostic and operative techniques. Replaceable inserts include cartilage erosion of capitulum, fracture of radial head, and loose bodies. The forearm can also be pronated and supinated. Includes clamps.

#1411



*Replaceable component parts available
at sawbones.com.*

PORTABLE ARTHROSCOPY CAMERA (P.A.C.)

Sawbones P.A.C. camera provides an affordable alternative to the traditional arthroscopy camera system. This camera is perfect for use with any Sawbones arthroscopy training simulator or in a cadaver lab setting. Can be used with any computer or laptop as a monitor.

#5700-5



#5700-5 — Complete led portable light system includes transport case, replaceable light source, coupler and software, arthroscope, sheath and all set up instructions.

Technical Specifications:

- A specialized HD camera system integrated with a high quality 30 degree x 4mm arthroscope and sheath
- 1920 X 1080 camera resolution
- Built in microphone
- Windows 7-10, Mac and Linux Compliant
- Requires two powered USB ports (USB 2 recommended)

Individual Components:

#5701



#5701 — P.A.C. Camera, Coupler and Software.

#5702-7



#5702-7 — 5W, USB powered light source.

#5704



#5704 — Arthroscope, 30 degrees x 4 mm.

#5713



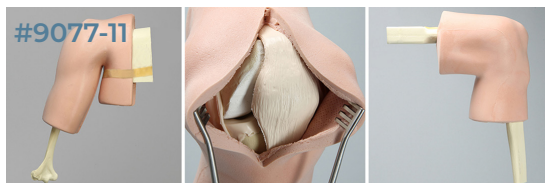
#5705 — Sheath for 4 mm arthroscope.

#5713 — Flexible arm quickly mounts to table and camera body allowing user the ability to position in place for hands free use.

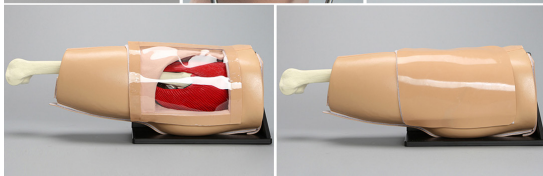
COMPLETE WORKSHOP BUNDLES

Ready-to-use full body arthroscopy workshop.

#9077-11



#9077-11 — Complete Arthroscopy Simulation Bundle includes #5700-5, Netbook, #1509-38 shoulder, #1517-29-2 knee, #1517-27 knee, #1412 foot and #1516-23 hip.



#9077-12 — Deluxe Complete Arthroscopy Simulation Bundle includes #5700-5, Netbook, #1509-38 shoulder, #1517-29-2 knee, #1517-27 knee, #1412 foot and #1516-23-1 hip.



SAWBONES CUSTOMER COMMITMENT AND PRODUCT GUARANTEE

At Sawbones, we are committed to providing the highest level of service and product quality. If you are less than completely satisfied with the performance of our products for any reason, we will gladly honor a full refund or replacement.

Contact us anytime with suggestions on how we can improve our products or service.

ORDERING INFORMATION

Please provide the part number, description, and quantity for each item requested.

Indicate precise shipping instructions, if different than the billing address, and purchase order number when applicable.

Credit cards and bank transfers accepted. Please call customer service.

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