



SAGES

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Required Instruments/Supplies for FLS Training/Testing

Required Equipment/Supplies provided by SAGES/FLS*

- FLS skills trainer box (no substitutions!)
- Peg Transfer board (with 6 colored rubber objects)
- Chip-clip (with Velcro)
- Circle stamped gauze sheets (with 1 circle)
- Red foam organs
- Red/White suture block (with Velcro)
- Penrose Drains (2 black dots, Velcro)

Required Equipment/Supplies NOT provided by SAGES/FLS**

- Video Monitor for use with the trainer box (must have RCA video input)***
- 2 Trocars for trainer box (at least 10mm)
- 2 Maryland dissectors
- 1 pair endo scissors (sharp!)
- grasper with a locking handle
- laparoscopic Needle drivers
- 1 Knot pusher (open or closed)
- Endoloops (18" long)
- 2-0 silk suture

MUST BE: silk or softsilk, 2.0, taper SH or V-20 needle

MUST BE: 90-120cm(36-48in) long! (no exceptions)

Required Equipment for Onsite Testing only

- 3 (at least) computers for cognitive test administration
 - Desktops or laptops
 - Windows 95 or later
 - Internet Explorer 6 or later
 - Internet connection
 - DSL connection or faster (cable, T1, LAN)
 - Secured wireless or wired internet

Amount of disposables needed for Onsite Testing

- Suture: at least 1 piece per test taker

- Gauze: at least 1 sheet per test taker
- Endoloop: at least 1 per test taker
- Penrose drains: at least 2 per test taker
- Red Foam Organ: 1 per 4 test takers

Sharps box, trash cans, pens, chairs, additional tables/carts for instruments for FLS Testing are preferred but not required

*Equipment/Supplies must come from SAGES/FLS and CANNOT be substituted for a comparable product

**Equipment/Supplies must be obtained by the individual program/institution

***Almost all televisions (old and flat screen) have an RCA video input (yellow, round). Some Stryker monitors have only a S-Video input and in this case, you would need to purchase an s-video to RCA adapter (Radio Shack carries these). I would highly discourage trying to use a computer monitor (unless it already has an RCA video input) as you will need to purchase a signal converting box (can be expensive and also very hard to find) and even then, the picture is not ideal due to the fact that the signal is being converted from analog to digital and some quality is compromised.

Helpful Industry product information

Please do not construe as an official endorsement or anything other than suggestions

Needle Drivers (most needle drivers are acceptable, a self-righting needle driver is not preferred, but still acceptable)

Storz KOH Macro Needle Driver/Holder ergo pistol #26173 KM
 Storz KOH Macro Needle Driver/Holder ergo pistol #26173 MC
 Storz KOH Macro Needle Driver/Holder #26173 MR and ML
 Ethicon needle driver E 705R
 Olympus needle driver A5690

Maryland Dissectors/Graspers

Storz Kelly/Maryland grasper, complete instrument #33121, 33300, 33310ML

Covidien Endo Dissect 5mm REF 176645
 Ethicon Endopath Curved Dissector 5DCD

Grasper w/ Locking Handle

Storz Kelly/Maryland grasper, complete instrument with locking handle
 Covidien Endo Grasp 5mm #173030
 Ethicon Endopath Grasper 5DSG

Endoscopic Scissors

Storz Endoscopic Scissors, complete instrument with two inserts #33121, 33300, 33310

Covidien Endo Shears 5mm REF 176643

Ethicon Endopath 5 mm Scissors 5DCS

Knot Pusher

Cook Medical Clarke-Reich Laparoscopic Knot Pusher (product # G16681)

Order # J-CRKP-042900

Covidien Endo Slide #174510 (open knot pusher)

Storz open and closed knot pusher 26596D

Storz open knot pusher 26596 SK

Suture

Covidien 2-0 Sofsilk V-20 taper needle (Double Arm) 36"/90cm #VS-533

Covidien 2-0 Sofsilk V-20 taper needle 48"/120cm #ES-439

Covidien 2-0 Sofsilk V-20 taper needle 36"/90cm #X-1189

Currently Ethicon, Inc. does not stock a suture long enough for the extracorporeal knot task. However, a special order can be made through Ethicon for suture appropriate for use in the FLS exam. The product code for the special order suture is D8342. The specifications are: 2-0 silk black braided, 48" (122cm), SH 26 mm ½ circle taper needle

Ethicon's K833H suture is NOT suitable for the FLS exam, but may be used in practice.

Trocars

Covidien Thoraport 11.5mm REF 179303

Ethicon-Endo Xcel 11mm bladeless trocar B11LPH

Ethicon-Endo Xcel 12 mm bladeless trocar B12LT

Endoloops

Ethicon Endoloop Coated vicryl 0 violet braided EJ10C (box) EJ10 (individual)

Ethicon Endoloop vicryl 0 EJ10G (box)

Ethicon Endoloop PDS II 0 EZ10G (box) EZ10 (individual)

Ethicon Endoloop PDS II ligature EZ10C (box)
Covidien (Autosuture) Surgitie 2-0 polysorb REF EL-21-L (individual) ED-20-L (box)
Covidien (Autosuture)Surgitie 0 18" chromic gut REF SGL-1

Monitor

Stryker and Sony endoscopy monitors work very well with the FLS
Trainer box
Any color standard television with an RCA video input should work