



Equipment/Supplies Required or Acceptable for FLS Remote Skills Testing at your institution

REQUIRED FLS TRAINER BOX AND ACCESSORIES:

- FLS trainer box system approved for the FLS exam. Box cannot have been altered in any way or have any non-approved replacement parts. Must have all provided cables and attachments in good working order.
- FLS exam approved peg transfer board (with 6 colored rubber objects).
- FLS exam approved Jumbo clip with Velcro.
- FLS exam approved red/white Velcro suture block.

Replacement parts and accessories for FLS trainer box system are available at www.fls-products.com

ADDITIONAL REQUIRED EQUIPMENT AND INSTRUMENTS:

- Video monitor for use with the FLS trainer, minimum size 15
- A laptop/computer with working camera and microphone/speakers
- **Video converter bundle** (<https://fls-products.com/fls/products/50370/50370-fls-converter-bundle>)
- Strong internet/Wifi connection that supports uninterrupted streaming
- 2 Trocars/ports (at least 10mm, must be 'low-profile')
- Grasper with a locking handle/locking grasper
- 2 Laparoscopic needle drivers (cannot be self righting)
- 1 Open-ended knot pusher
- 1 Closed-ended knot pusher
- 2 Maryland Dissectors
- Endoscissors or Endoshears (sharp!)

OTHER MISCELLANEOUS EQUIPMENT AND SUPPLIES NEEDED:

Height-adjustable tables

Step stools

A/V cart or wall mount for monitor

Power strips/extension cords

Sharps box

Additional tables/carts for laptop/computer, instruments, and facilitator

Helpful Industry Product Information

Listed below are **A FEW examples** of acceptable products/equipment. Please do not construe as official endorsements or anything other than suggestions

Needle Drivers

(Self-righting needle drivers are NOT acceptable for use during the FLS exam)

LTI Laparoscopic Needle Driver (Left) Part#: 50385

LTI Laparoscopic Needle Driver (Right) Part#: 50384

Ethicon needle driver E 705R

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

Olympus needle driver A5690

Maryland Dissectors

LTI Maryland Dissector Part#: 50381

Ethicon Endopath Curved Dissector 5DCD

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

Covidien Endo Dissect 5mm REF 176645

Grasper w/ Locking Handle

LTI Grasper (Locking Handle) Part#: 50382

Ethicon Endopath Grasper 5DSG

Covidien Endo Grasp 5mm #173030

Endoscopic Scissors

LTI Endoscissors Part#: 50383

Ethicon Endopath 5 mm Scissors 5DCS

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

Covidien Endo Shears 5mm REF 176643

Knot Pusher

(Both open and closed knot pushers are acceptable)

LTI Open- and Closed-ended Knot Pusher Part#: 50386

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

Trocars

LTI Trocars (pair) Part#: 50330

Ethicon-Endo Xcel 11mm bladeless trocar B11LPH

Ethicon-Endo Xcel 12 mm bladeless trocar B12LT

Covidien Thoraport 11.5mm REF 179303

Monitor

LTI Medical 19" video screen product Part#: 50321

Stryker and Sony endoscopy monitors work very well with the FLS Trainer box

Most color standard or HD televisions (at least 15" screen) with an RCA or composite video input should work

Sharps Container

Most standard sharps containers are fine

Height Adjustable Tables

LTI Mobile SimCart for FLS Trainer System Part#: 50322

Instrument Kit

LTI FLS Approved Instrument Kit Part#: 50380

(FLS Approved Non--Clinical/Not Sterilized)

- 2 LTI Maryland Dissectors
- 1 LTI Endoscissors
- 1 LTI Grasper (Locking Handle)
- 1 LTI Laparoscopic Needle driver (Right)
- 1 LTI Laparoscopic Needle driver (Left)
- 1 LTI Open- and Closed- ended Knot Pusher