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
- 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