Clinical Skills -Suture-

MW16



Real and objective assessment to develop first class surgeons

Laparoscopic Suture Simulator evaluates skills in laparoscopic intestinal suture, as well as simple skin suture and forceps training. Simulate true-to-life scenarios by using real clinical devices, life-like softness and anatomy of the intestinal wall and dermis.

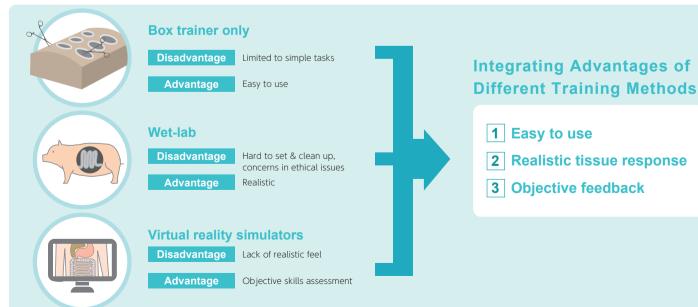
FEATURES

- 1 |Innovative assessment criteria provide quantitative and objective feedback
- 2 Individual assessment data can be saved for reviewing and analysis
- 3 |True-to-life simulated tissue that provides convincing handson experiences.
- 4 |Actual clinical instruments can be used.
- 5 |A variety of training options
- 6 |Convenient all-in-one unit

SKILLS

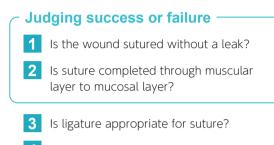
| Laparoscopic intestinal suture

- | Skin suture under direct vision
- | Handling of laparoscopic instruments



KYOTO KAGAKU

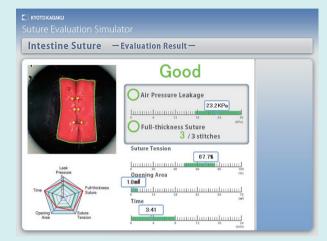
Quantitative Feedback combined with Realistic Hands-on Experience



- How much open area is there in mucosal layer? 4
- How long does it take for suturing procedure?

The system utilizes five criteria to evaluate laparoscopic suturing skills.

Each criteria has an "acceptable" range based on expert surgeons to help improve performance.



Air leak from the sutured area can be checked by applying air pressure on the intestinal tract sheet. * Uemura M et al. Surg Endosc. 2014. PMID: 25005015 / DOI: 10. 1007/s00464-014-3681-9

Life-like Intestinal Tract

Intestinal tract has four layers with respective characteristics. When holding with forceps and suturing, these four layers react like real tissue.



Evaluate simple interrupted skin suturing via quantitative assessment criteria. The Objective evaluation encourages honing of skills.



Forceps Training mode enables dry box training to handle laparoscopic instruments.



SPECIFICATIONS

Size: W50 x D110 x H160 cm Weight: 93 kg/205lbs W19.7 x D43.3 x H63 inch

SET INCLUDES

- 1 monitor
- touch-monitor
- video camera for assessment 1 (intestinal tract suture)
- 1 video camera for assessment (skin suture)

KYOTO KAGAKU

DESCRIPTIONS

MATERIALS Power: AC100-240V, 50/60 Hz Power Consumption: 180 VA

1 video camera for procedure recording

torso body

1 unit base

printer

1 key board

Soft resin

Latex free

1 set of trocar container

- 1 instruction manual
- 30 pieces of suturinig sheet (intestinal tract)40 pieces suturing sheet (skin)

RECOMMENDED DEVICES

Forceps are not included.

REPLACEMENT PARTS

11395-010 30 pieces of suturinig sheet

(intestinal tract) 11230-010 40 pieces suturing sheet (skin)