**Linear Stapler**

Esophagojejunostomy With Linear Staplers in Laparoscopic Total Gastrectomy: Experience With 168 Cases in 5 Consecutive Years

Surgical Laparoscopy, Endoscopy & Percutaneous Techniques. Publish Ahead of Print():, SEP 2017

Susumu Miura; Seiichiro Kanaya; [and 8 more](https://insights.ovid.com/pubmed?pmid=28902037)

DOI: 10.1097/SLE.0000000000000464

Uyama, Ichiro, et al. "Laparoscopic side-to-side esophagogastrostomy using a linear stapler after proximal gastrectomy." *Gastric Cancer* 4.2 (2001): 98-102.

**Skin Stapler**

Meiring, L., et al. "A comparison of a disposable skin stapler and nylon sutures for wound closure." *South African medical journal= Suid-Afrikaanse tydskrif vir geneeskunde* 62.11 (1982): 371-372

Coolman, Bradley R., et al. "Comparison of skin staples with sutures for anastomosis of the small intestine in dogs." *Veterinary Surgery* 29.4 (2000): 293-302.

Stockley, I., and R. A. Elson. "Skin closure using staples and nylon sutures: a comparison of results." *Annals of The Royal College of Surgeons of England* 69.2 (1987): 76.

Fraser, I. "Intestinal anastomosis with a skin stapler: a safe and efficient method in humans." *British journal of surgery* 81.5 (1994): 665-667.

Piñeros-Fernandez, Angela, et al. "A revolutionary advance in skin closure compared to current methods." *Journal of long-term effects of medical implants* 16.1 (2006).

**Endoscope**

Herbots, Nicole, et al. "Super-Hydrophilic, Bio-compatible Anti-Fog Coating for Lenses in Closed Body Cavity Surgery: VitreOx TM–Scientific Model, In Vitro Experiments and In Vivo Animal Trials." *MRS Advances* 1.29 (2016): 2141-2146.

Eaton, Alexander M., et al. "Condensation on the Posterior Surface of Silicone Intraocular Lenses during Fluid—Air Exchange." *Ophthalmology* 102.5 (1995): 733-736.

Lawrentschuk, Nathan, Neil E. Fleshner, and Damien M. Bolton. "Laparoscopic lens fogging: a review of etiology and methods to maintain a clear visual field." *Journal of Endourology* 24.6 (2010): 905-913.

**Harmonic Scalpel**

Siperstein, Allan E., Eren Berber, and Ebru Morkoyun. "The use of the harmonic scalpel vs conventional knot tying for vessel ligation in thyroid surgery." *Archives of Surgery* 137.2 (2002): 137-142.

Armstrong, David N., et al. "Harmonic Scalpel® vs. electrocautery hemorrhoidectomy: a prospective evaluation." *Diseases of the colon & rectum* 44.4 (2001): 558-564.

Rothenberg, S. S. "Laparoscopic splenectomy using the harmonic scalpel." *Journal of laparoendoscopic surgery* 6 (1996): S61-3.

JACKMAN, STEPHEN V., et al. "Utility of the harmonic scalpel for laparoscopic partial nephrectomy." *Journal of endourology* 12.5 (1998): 441-444.

**Virtual surgical simulator**

Lang, Hauke, et al. "Impact of virtual tumor resection and computer-assisted risk analysis on operation planning and intraoperative strategy in major hepatic resection." *Archives of surgery* 140.7 (2005): 629-638.

Satava, Richard M. "Virtual reality surgical simulator." *Surgical endoscopy* 7.3 (1993): 203-205.

Xia, James, et al. "Computer‐assisted three‐dimensional surgical planning and simulation: 3D virtual osteotomy." *International journal of oral & maxillofacial surgery* 29.1 (2000): 11-17.

Xia, James, et al. "Three-dimensional virtual-reality surgical planning and soft-tissue prediction for orthognathic surgery." *IEEE transactions on information technology in biomedicine* 5.2 (2001): 97-107.

Stadie, Axel Thomas, et al. "Virtual reality system for planning minimally invasive neurosurgery." (2008).

Oishi, Makoto, et al. "Interactive presurgical simulation applying advanced 3D imaging and modeling techniques for skull base and deep tumors." *Journal of neurosurgery* 119.1 (2013): 94-105.

Saito, Shinichi, et al. "A novel 3D hepatectomy simulation based on liver circulation: application to liver resection and transplantation." *Hepatology* 41.6 (2005): 1297-1304.