



## **Robotic Surgery Educational Resources: Inguinal Hernia Repair and Ventral Hernia Repair**

### **Robotic Inguinal Hernia:**

Claus C, Furtado M, Malcher F, Cavazzola LT, Felix E. Ten golden rules for a safe MIS inguinal hernia repair using a new anatomical concept as a guide. Surg Endosc. 2020 Apr;34(4):1458-1464

Daes J, Felix E. Critical View of the Myopectineal Orifice. Ann Surg. 2017 Jul;266(1):e1-e2.

Furtado M, Claus CMP, Cavazzola LT, Malcher F, Bakonyi-Neto A, Saad-Hossne R. Systemization of laparoscopic inguinal hernia repair (tapp) based on a new anatomical concept: inverted y and five triangles. Arq Bras Cir Dig. 2019 Feb 7;32(1):e1426.

Nikolian VC, Pereira X, Arias-Espinosa L, Bazarian AN, Porter CG, Henning JR, Malcher F. Primary abandonment of the sac in the management of scrotal hernias: a dual-institution experience of short-term outcomes. Hernia. 2024 Mar 19.

Prabhu AS, Carbonell A, Hope W, Warren J, Higgins R, Jacob B, Blatnik J, Haskins I, Alkhatib H, Tastaldi L, Fafaj A, Tu C, Rosen MJ. Robotic Inguinal vs Transabdominal Laparoscopic Inguinal Hernia Repair: The RIVAL Randomized Clinical Trial. JAMA Surg. 2020 May 1;155(5):380-387.

### **Robotic Ventral Hernia:**

Belyansky I, Daes J, Radu VG, Balasubramanian R, Reza Zahiri H, Weltz AS, Sibia US, Park A, Novitsky Y. A novel approach using the enhanced-view totally extraperitoneal (eTEP) technique for laparoscopic retromuscular hernia repair. Surg Endosc. 2018 Mar;32(3):1525-1532.

Daes J, Belyansky I. Anatomical Considerations and Tips for Laparoscopic and Robotic-Assisted Enhanced-View Totally Extraperitoneal Rives-Stoppa Repair for Midline Hernia. J Am Coll Surg. 2021 Aug;233(2):e1-e11.

Earle D, Roth S, Saber A, et al. Guidelines for Laparoscopic Ventral Hernia Repair. Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Published at: <https://www.sages.org/publications/guidelines/guidelines-for-laparoscopic-ventral-hernia-repair/>

Grossi, J. V. M., Lee, B., Belyansky, I., Carbonell, A. M., Cavazzola, L. T., Novitsky, Y. W., & Ballecer, C. D. (2021). Critical view of robotic-assisted transverse abdominal release (r-TAR). *Hernia : the journal of hernias and abdominal wall surgery*, 25(6), 1715–1725.

Nikolian VC, Coleman NL, Podolsky D, Novitsky YW. Robotic-Assisted Transabdominal Preperitoneal Ventral Hernia Repair. *Surg Technol Int*. 2020 May 28;36:95-97.

#### **Behind the Knife Podcasts:**

- Clinical Challenges in MIS: Post-Inguinal Hernia Repair Chronic Pain
- Journal Review in MIS: Robotic Emergency General Surgery

#### **YouTube Channels:**

| <b>Acute Care Surgery</b> |                     |                                          |
|---------------------------|---------------------|------------------------------------------|
| Andrea Pakula             | @andreapakulamd3922 | All general surgery, acute cases, hernia |
| <b>Hernia</b>             |                     |                                          |
| David Lourie              | @drlourie           | Inguinal hernia anatomy expert           |
| Rockson Liu               | @DrRocksonLiu       | Narrated videos, complex hernia, chole   |
| Vahgn Nikolian            | @HerniaGeeks        | Ventral hernia, inguinal hernia          |

#### **Facebook Groups:**

International Hernia Collaborative  
Robotic Surgery Collaboration

#### **AAST ROBO-TRACS Webinars:**

<https://www.aast.org/robo-tracs>

#### **MIS Hernia Conferences:**

- Abdominal Wall Reconstruction
- Society of Robotic Surgery
- American Hernia Society
- SAGES
- Hernia Surgery Summit
- International Hernia Collaborative Conference