



QC Core Insights • January 9, 2023

MIS VHR – Part 2: Robotic Approaches and Data

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Presentation: Matt Madion, MD
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Article Review: Kevin Baier, MD
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We will review and discuss the following articles: ✎

- Olavarria OA, Bernardi K, Shah SK, et al. Robotic versus laparoscopic ventral hernia repair: multicenter, blinded randomized controlled trial. *BMJ*. 2020 Jul 14;370:m2457.
- Dhanani NH, Olavarria OA, Holihan JL, et al. Robotic Versus Laparoscopic Ventral Hernia Repair: One-year Results From a Prospective, Multicenter, Blinded Randomized Controlled Trial. *Ann Surg*. 2021 Jun 1;273(6):1076-1080.
- Kudsi OY, Gokcal F, Bou-Ayash N, et al. Robotic Ventral Hernia Repair: Lessons Learned from a 7-year Experience. *Ann Surg*. 2021 Aug 11. [Epub ahead of print]. PMID: 34380969

Selected readings: ✎

- Carbonell AM, Warren JA, Prabhu AS, et al. Reducing Length of Stay Using a Robotic-assisted Approach for Retromuscular Ventral Hernia Repair: A Comparative Analysis From the Americas Hernia Society Quality Collaborative. *Ann Surg*. 2018 Feb;267(2):210-217.
- Prabhu AS, Dickens EO, Copper CM, et al. Laparoscopic vs Robotic Intraperitoneal Mesh Repair for Incisional Hernia: An Americas Hernia Society Quality Collaborative Analysis. *J Am Coll Surg*. 2017 Aug;225(2):285-293.
- Martin-Del-Campo LA, Weltz AS, Belyansky I, Novitsky YW. Comparative analysis of perioperative outcomes of robotic versus open transversus abdominis release. *Surg Endosc*. 2018 Feb;32(2):840-845.
- Bittner JG 4th, Alrefai S, Vy M, et al. Comparative analysis of open and robotic transversus abdominis release for ventral hernia repair. *Surg Endosc*. 2018 Feb;32(2):727-734.
- Orthopoulos G, Kudsi OY. Feasibility of Robotic-Assisted Transabdominal Preperitoneal Ventral Hernia Repair. *J Laparoendosc Adv Surg Tech A*. 2018 Apr;28(4):434-438.
- Henriksen NA, Jensen KK, Muysoms F. Robot-assisted abdominal wall surgery: a systematic review of the literature and meta-analysis. *Hernia*. 2019 Feb;23(1):17-27.

QC Core Insights will be held on Zoom and recorded for on-demand viewing by those unable to attend. View the upcoming schedule and recordings of past sessions on our website at www.achqc.org/meetings/qc-core-insights.