



QC Core Insights • November 14, 2022

Adjunctive Measures to Loss of Domain Hernias

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We will review and discuss the following articles: ✨

- Wooten KE, Ozturk CN, Ozturk C, et al. Role of tissue expansion in abdominal wall reconstruction: A systematic evidence-based review. *J Plast Reconstr Aesthet Surg.* 2017 Jun;70(6):741-751.
- Deerenberg EB, Shao JM, Elhage SA, et al. Preoperative botulinum toxin A injection in complex abdominal wall reconstruction- a propensity-scored matched study. *Am J Surg.* 2021 Sep;222(3):638-642.

Selected readings: ✨

- Ramirez OM, Ruas E, Dellon AL. "Components separation" method for closure of abdominal-wall defects: an anatomic and clinical study. *Plast Reconstr Surg.* 1990 Sep;86(3):519-26.
- Tanaka EY, Yoo JH, Rodrigues AJ Jr, et al. A computerized tomography scan method for calculating the hernia sac and abdominal cavity volume in complex large incisional hernia with loss of domain. *Hernia.* 2010 Feb;14(1):63-9.
- Novitsky YW, Elliott HL, Orenstein SB, Rosen MJ. Transversus abdominis muscle release: a novel approach to posterior component separation during complex abdominal wall reconstruction. *Am J Surg.* 2012 Nov;204(5):709-16.
- Alam NN, Narang SK, Pathak S, et al. Methods of abdominal wall expansion for repair of incisional herniae: a systematic review. *Hernia.* 2016 Apr;20(2):191-9.
- Motz BM, Schlosser KA, Heniford BT. Chemical Components Separation: Concepts, Evidence, and Outcomes. *Plast Reconstr Surg.* 2018 Sep;142(3 Suppl):585-635.
- Kumar S, Edmunds RW, Dowdy C, et al. Anterior versus Posterior Component Separation: Which Is Better? *Plast Reconstr Surg.* 2018 Sep;142(3 Suppl):475-535.
- Seretis F, Chrysikos D, Samolis A, et al. Botulinum Toxin in the Surgical Treatment of Complex Abdominal Hernias: A Surgical Anatomy Approach, Current Evidence and Outcomes. *In Vivo.* 2021 Jul-Aug;35(4):1913-1920.
- Fafaj A, Thomas J, Zolin SJ, et al. Can Hernia Sac to Abdominal Cavity Volume Ratio Predict Fascial Closure Rate for Large Ventral Hernia? Reliability of the Tanaka Score. *J Am Coll Surg.* 2021 Jun;232(6):948-953.
- Horne CM, Augenstein V, Malcher F, et al. Understanding the benefits of botulinum toxin A: retrospective analysis of the Abdominal Core Health Quality Collaborative. *Br J Surg.* 2021 Mar 12;108(2):112-114.

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