



## QC Core Insights • August 8, 2022

### VHR in the Contaminated Field and Approach to Mesh Infections

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#### We will review and discuss the following articles: ✎

- Morris MP, Mellia JA, Christopher AN, et al. Ventral hernia repair with synthetic mesh in a contaminated field: a systematic review and meta-analysis. *Hernia*. 2021 Aug;25(4):1035-1050.
- Olavarria OA, Bernardi K, Dhanani NH, et al. Synthetic versus Biologic Mesh for Complex Open Ventral Hernia Repair: A Pilot Randomized Controlled Trial. *Surg Infect (Larchmt)*. 2021 Jun;22(5):496-503.

#### Selected readings: ✎

- Trunzo JA, Ponsky JL, Jin J, Williams CP, Rosen MJ. A novel approach for salvaging infected prosthetic mesh after ventral hernia repair. *Hernia*. 2009 Oct;13(5):545-9.
- Carbonell AM, Cobb WS. Safety of prosthetic mesh hernia repair in contaminated fields. *Surg Clin North Am*. 2013 Oct;93(5):1227-39.
- Carbonell AM, Criss CN, Cobb WS, et al. Outcomes of synthetic mesh in contaminated ventral hernia repairs. *J Am Coll Surg*. 2013 Dec;217(6):991-8.
- Kao AM, Arnold MR, Augenstein VA, Heniford BT. Prevention and Treatment Strategies for Mesh Infection in Abdominal Wall Reconstruction. *Plast Reconstr Surg*. 2018 Sep;142(3 Suppl):149S-155S.
- Warren JA, Love M, Cobb WS, et al. Factors affecting salvage rate of infected prosthetic mesh. *Am J Surg*. 2020 Sep;220(3):751-756.

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