



Transvaginal mesh implant procedures. Use them or not?

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Abstract

Treatment for pelvic organ prolapse (POP) can be surgical. The vaginal approach is a shorter procedure than the abdominal approach, with quicker resumption of activity for the patient. Currently, pelvic surgeons face a choice of using transvaginal mesh or classical techniques to treat this pathology. The goal of this review is to present some of the main transvaginal mesh implant procedures recommendations from the international medical societies in urogynecology and their appropriate uses.

The success and failure of each approach needs to be assessed in the context of individual patients, their circumstances, and the surgeon's ability to use the approach.

Biography

Gisele VissociMarquini, bachelor's in medicine (1999), specialization-medical residence in gynecology and obstetrics (2002), master's in health's sciences by Federal University of Uberlandia (UFU), MG Brazil (2012). Doctorate in health's sciences by Federal University of São Paulo (UNIFESP), Brazil (2018). Collaborator in the urogynecology and vaginal surgery area from the department of gynecology (UNIFESP), where I have been following medical education in urogynecology since 2015. Member of the committee of pelvic organ prolapse from International Urogynecological Association (IUGA).

Publications

1. Preoperative Fasting Abbreviation and its Effects on Postoperative Nausea and Vomiting Incidence in Gynecological Surgery Patients, *Revista Brasileira de Ginecologia e Obstetria*, DOI: 10.1055/s-0040-1712994
2. Preoperative fasting abbreviation (Enhanced Recovery After Surgery protocol) and its effects on the metabolism of patients undergoing gynecologic surgeries under spinal anesthesia: A randomized clinical trial, *Nutrition* 77:110790, DOI: 10.1016/j.nut.2020.110790
3. Infected Diverticulum of the Urethra in Pregnancy, *Journal of Gynecologic Surgery* 35(5), DOI: 10.1089/gyn.2018.0093
4. Transvaginal Mesh Implant Procedures: Use Them or Not?, *Journal of Gynecologic Surgery* 35(4), DOI: 10.1089/gyn.2018.0094
5. Efeitos da abreviação do jejum pré-operatório com solução de carboidrato e proteína em sintomas pós-operatórios de cirurgias ginecológicas: ensaio clínico randomizado controlado duplo-cego., January 2019 *Revista do Colégio Brasileiro de Cirurgiões* 46(5), DOI: 10.1590/0100-6991e-20192295



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