

Parietex ProGrip™ Self-Fixating Mesh in Surgical Treatment of Pelvic Organ Prolapse

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Abstract

Introduction: Advanced pelvic organ prolapse is a public health problem, and its treatment can be difficult, requiring a multidisciplinary approach.

Aim: The main objective of this article is to describe particular aspects of the use of Parietex roGrip™ Self-Fixating Mesh for abdominal sacrocolpopexy or sacrocervicopexy. The secondary objective is to present the initial results of the use of these self-fixating meshes.

Results: Ten successive patients with a POP of grade 2 or higher have benefited from this procedure. No complications or recurrences of prolapse were detected at 1, 3 and 6 months post-operatively. The mean operative time was 102±25.84 minutes. The mean length of hospital stay was 6.7±0.67 days.

Conclusions: The results of this surgical procedure demonstrate that Parietex ProGrip™ Self-Fixating Mesh can be used without complications and with good postoperative results. The main advantage of using this mesh is that it does not require other fastening means. The lack of rejection reaction or foreign body pathology encourages the implementation of this surgical procedure. Further study is needed to consolidate these results.

Key words: self-fixing textile mesh, pelvic organ prolapse, surgical treatment