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Laparoscopic Lateral Suspension : Benefits of a Cross-shaped Mesh To Treat Difficult Vaginal Vault Prolapse

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#### ACCEPTED MANUSCRIPT

# Laparoscopic Lateral Suspension : Benefits of a Cross-shaped Mesh To Treat Difficult Vaginal Vault Prolapse.

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#### **PRECIS**

We describe a difficult case of laparoscopic lateral suspension to treat pelvic organ prolapse which benefited from a new precut cross-shaped mesh.

#### **ABSTRACT**

**Study Objective:** To show an original technique of laparoscopic lateral suspension (LLS) with a precut mesh in a difficult case of vaginal vault prolapse.

**Design**: Step-by-step descriptions of the technique using videos (educative video).

**Setting:** Vaginal vault prolapse affects up to 1% of the patients having had a hysterectomy in history. Sacrocolpopexy is considered as the gold standard in the treatment of apical pelvic organ prolapse. However, dissection at the level of the promontory may be challenging, particularly in obese patients or when an anatomical variation exists. This may be associated with rare but serious neurological or ureteral morbidity as well as life-threatening vascular injury. LLS with mesh represents an alternative procedure avoiding dissection at the promontory. The originality of this video is to describe the procedure of LLS in a difficult case of vaginal vault prolapse related to adhesions and difficulties of fascia cleavage. The use of a precut cross-shaped mesh simplified the technique and facilitated the attachment of the mesh to the fascia and the lateral suspension for a

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