

Prevention of lymphorrhea in aortic lymphadenectomy

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ABSTRACT

The objective of this [video 1](#) is to describe the technique to avoid postoperative lymphorrhea after a lumboaortic lymphadenectomy. All procedures were performed at Donostia University Hospital, a tertiary referral and educational center in San Sebastián, Spain. Lumboaortic extra-peritoneal lymphadenectomy was performed for several gynecological malignancies (endometrial and cervical cancer). During the procedure, afferent lymphatic capillaries were identified at the infra-renal aortic level and clipped to avoid retrograde lymphorrhea at this level. Numerous strategies have been described to reduce the likelihood of lymphocele and lymphocele formation.¹ Harmonic scalpel and other sealing advanced devices are not useful to secure lymphatic leakage at this level, although some authors have published a clinical benefit in their use,² while clips have been found useful to prevent leakage in other lymphatic locations.³ The use of harmonic scalpel, biological agents or surgical patch has been ineffective in our experience, but sealing clips and peritonization (marsupialization),⁴

once the procedure is concluded, could be an effective approach. Performing simple gestures during lumboaortic lymphadenectomy can help to reduce the appearance of posterior lymphorrhea.

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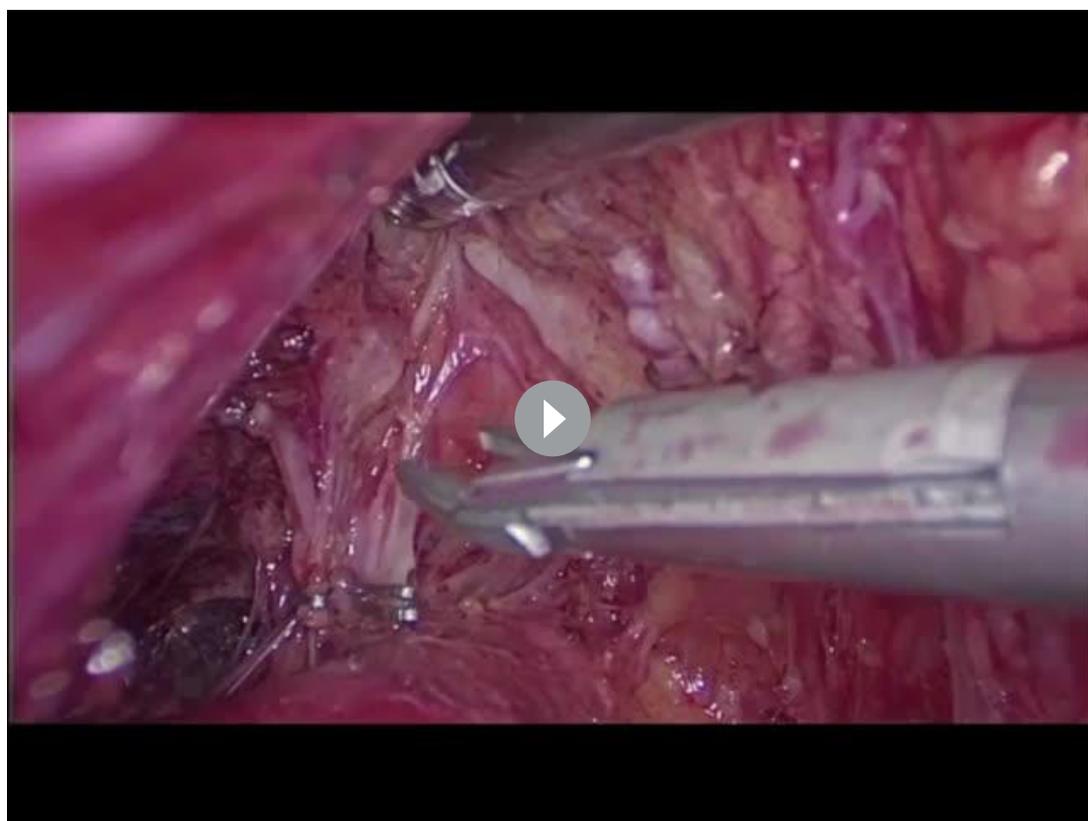
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Video 1.



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Video Article

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