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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 lymphorea 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.

► This video is too large to play in the PDF, please visit the full text version online at: (http://dx.doi.org/10.1136/ijgc-2018-000128).

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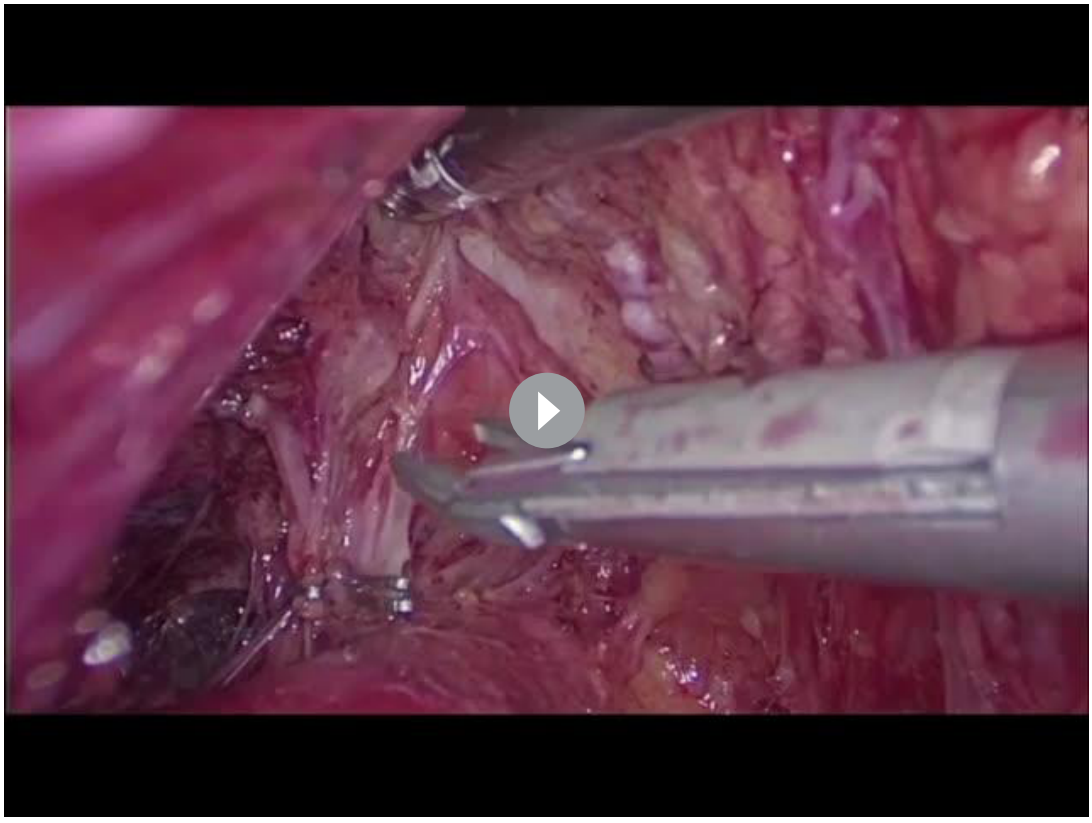

Video 1.

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