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PII: S1553-4650(19)31306-8
DOI: https://doi.org/10.1016/j.jmig.2019.11.017
Reference: JMIG 4016

To appear in: The Journal of Minimally Invasive Gynecology

Received date: 3 September 2019
Revised date: 6 November 2019
Accepted date: 22 November 2019

Please cite this article as: Raimundo Avilés MD, Benjamín Bustos MD, Pauline Chauvet MD, Marie François MD, Michel Canis MD, PHD, Nicolas Bourdel MD, PhD, Termino-Terminal Ureteral Laparoscopic Anastomosis in a Case of Deep Infiltrating Endometriosis, The Journal of Minimally Invasive Gynecology (2019), doi: https://doi.org/10.1016/j.jmig.2019.11.017

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Video article

Termino-Terminal Ureteral Laparoscopic Anastomosis in a Case of Deep Infiltrating Endometriosis

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The local institutional review board ruled that approval was not required for this video because the video describes a surgical technique.

Disclosure statement: The authors declare that they have no conflicts of interest and nothing to disclose.
**Fundings:** No funding was received for the realization of this video article.

This video has not been published elsewhere and is not under review at any other journal.

**Precis**
Case report of a termino-terminal ureteral laparoscopic anastomosis in a patient with an uncommon case of deep ureteral infiltrating endometriosis.

**Abstract**

**Objective:** Laparoscopic termino-terminal ureteral anastomosis has all the advantages of a minimally invasive approach plus the treatment of the pathology. Ureteral deep endometriosis can lead to severe consequences, such as hydroureteronephrosis and renal failure. The main objective of this video is to present our surgical strategy and technique for cases of ureteral deep infiltrating endometriosis, which could help to understand and perform this surgery in a safer way for the patients.

**Design:**
Video demonstration of the technique.

**Setting:**
French university tertiary care hospital

**Intervention:**
This video presents a termino-terminal laparoscopic ureteral anastomosis and shows our team strategy for a 42 years old woman with a deep infiltrating ureteral left endometriosis, with the consequent stenosis and left hydroureteronephrosis. A full resection of the endometriotic ureteral nodule was realize, followed by a termino-terminal anastomosis of the ureter. The use of intravenous indocyanine green to assess the post anastomotic ureteral perfusion and its risk of leakage or fistula are described in the video.
**Conclusion:** Ureteral endometriosis can lead to severe consequences, the surgical treatment can be difficult and most of the times incomplete. This video is a detailed example of our team strategy to perform a termino-terminal ureteral laparoscopic anastomosis in a structured way.

**Keywords:** endometriosis; laparoscopy; termino-terminal ureteral anastomosis ureteral; endometriosis.

**References**


