

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

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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.

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### **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 hydronephrosis 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 hydronephrosis. A full resection of the endometriotic ureteral nodule was realized, 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.

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