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Surgical Technique for Endometrioma in 10 Steps

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1 Video article

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3 **Surgical technique for the endometrioma in 10 steps**

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27 **Disclosure statement:** The authors declare that they have no conflicts of interest and
28 nothing to disclose.

29 **Fundings:** no funding was received for the realization of this video.

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31 **Precis:** Laparoscopic cystectomy for endometrioma realized in a 10 steps
32 standardized surgery.

33

34 **Abstract:**

35 **STUDY OBJECTIVE:**

36 Laparoscopic cystectomy for endometrioma has the advantages of a minimally
37 invasive approach. The standardization and description of the technique are the main
38 objectives of this video. We described the surgery in 10 steps, which could help to
39 make this procedure easier and safer.

40 **DESIGN:**

41 Step-by-step video demonstration of the technique

42 **SETTING:**

43 A French university tertiary care hospital.

44 **INTERVENTION:**

45 Two standardized laparoscopic cystectomy were recorded to realize the video. The
46 local institutional review board ruled that approval was not required for this video
47 article because the video describes a technique and does not report a clinical case.

48 This video presents a systematic approach to cystectomy for endometrioma clearly
49 divided into 10 steps: (1) preoperative evaluation¹; (2) diagnosis and exploration²; (3)
50 adhesiolysis, mobilization of the ovary; (4) cyst rupture, exposition of the entry site; (5)
51 identification of the cleavage plan; (6) endometrioma easy dissection; (7)
52 endometrioma difficult dissection; (8) hemostasis, reconstruction of the ovary³; (9)
53 exploration of the ovarian fossa; (10) washing, extraction of the cyst^{3,4}.

54 **CONCLUSION:**

55 Standardization of laparoscopic cystectomy for endometrioma could make this
56 procedure easier and safer to perform. The 10 steps presented help to perform each

57 part of surgery in logical sequence making the procedure easier to realize. Moreover,
58 the standardization of the surgical techniques may reduce the learning curve.

59

60 **Keywords:** 10 steps, cystectomy, endometrioma, laparoscopy, standardization

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62 **Disclosure statement:** The authors declare that they have no conflicts of interest and
63 nothing to disclose.

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77 **Legend:**

78 Video article on laparoscopic cystectomy for endometrioma realized in 10 steps.