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Laparoscopic appendectomy			
Procedural phase	Essential manœuvres		
Exposure	Position patient: Trendelenberg, arms in, bank left		
Mobilization of appendix	Use suction (blunt) and Metzenbaum scissors (sharp)		
Vascular control	Use hemostatic clips		
Identification of base of appendix	Visualize junction with cecum		
Transection of appendix	Use Endoloop suture or stapler		
Extraction of appendix	Remove appendix in an extraction bag or within trocar (a controlled extraction)		
Clean-up	Suction area of dissection & pelvis; minimal irrigation		

firmed the efficacy of LA compared with open surgery, but concerns remain over its feasibility and costs. Several technical approaches may affect the feasibility and ultimately its overall effectiveness.<sup>2-4</sup>

An EVS may be used to transect mesentery and appendix.<sup>2</sup> Complications reported from stapled LA include stump appendicitis (from a residual appendix) and postoperative hemorrhage from the mesoappendix.<sup>5</sup> Recurrent appendicitis after LA is related to the application of a stapler at a point well beyond the junction of appendix and cecum. In our case, stapling across the body of the appendix led to the development of an early postoperative SBO requiring reoperation.

Although the use of an EVS may seem to facilitate LA, there may be a tendency to restrict dissection of an infected appendix in order to expedite the procedure. To see the base of the appendix, the surgeon must usually dissect an inflamed appendiceal mesentery. Hemostatic clips are used to control the appendiceal artery and its branches. Once exposed, the base of the appendix may be clipped or, more appropriately, ligated with an Endoloop suture applicator (Can \$17.82; prices quoted are from Ethicon),<sup>4</sup> avoiding the costs of an EVS (Can \$305.57) and cartridge (Can\$106.37 per reload). The stapler is reserved for cases where the Endoloop suture cuts through the appendiceal base.

LA has been shown to be more efficacious than open appendectomy.<sup>1</sup> Broken down into phases (Table 1) that can be completed successfully, it may also prove to be an *effective* procedure, that is, one reproducible by others.

LA can be completed efficiently and effectively in most cases without use of an endovascular stapler, reducing procedural

costs significantly. The 2-handed skills required for mobilization of an inflamed appendix are attainable by all surgeons and are transferable to other advanced laparoscopic procedures. Regardless of the technical approach, careful dissection of the appendix and identification of the base is essential to enable complete appendiceal resection.

Competing interests: None declared.

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## **Corrections**

On page 9 of the February issue (McAlister V. Maimonides's cooling period and organ retrieval. *Can J Surg* 2004;47:8-9), reference 8 should be: Murray JE. Organ transplants: a type of reconstructive surgery. *Can J Surg* 1965;8:340-50.

Also, the Radiology for the Surgeon feature on page 119 of the April issue, labelled case 53, was actually case 54.

We sincerely regret these errors.