

# Intussusception of the Appendix Resected at Colonoscopy

# UCTN

Intussusception of the appendix is an uncommon condition, and the diagnosis is rarely made preoperatively, although the condition may be suspected on the basis of radiological studies and colonoscopy [1]. Colonoscopy may in fact be the procedure of choice for both diagnosis and for selecting the appropriate course of management [2]. We report a case in which an intussusception of the appendix was resected colonoscopically.

A 41-year-old woman presented with a 4-day history of rectal tenesmus, diarrhea, and recurrent severe paroxysmal abdominal pain. Colonoscopy examination revealed an intussusception of the appendix (Figure 1). In this case a colonoscopic appendectomy was performed successfully with the use of an endoloop ligating system (MAJ-254, HX-20L/Q/U-1; Olympus, Hamburg, Germany). The endoloop was attached over the appendix and then an appendectomy was successfully performed with a polypectomy snare wire (Figure 2). The pathology report confirmed the diagnosis of intussusception of the appendix and the patient made a satisfactory recovery without complications. Colonoscopy should therefore be considered as an excellent choice of treatment in such cases and should be remembered as a second option in patients in whom laparoscopic treatment fails to lead to resolution of the condition.

Endoscopy\_UCTN\_Code\_CPL\_1AJ\_2AI

**A. de Hoyos<sup>1</sup>, M. A. Monroy<sup>1</sup>, C. Gallegos<sup>2</sup>, G. Checa<sup>3</sup>**

<sup>1</sup> Department of Gastroenterology, Hospital Angeles del Pedregal, Mexico City, Mexico

<sup>2</sup> Department of Pathology, Hospital Angeles del Pedregal, Mexico City, Mexico

<sup>3</sup> Department of Anesthesiology, Hospital Angeles del Pedregal, Mexico City, Mexico.



Figure 1 Colonoscopic view showing an intussusception of the appendix.



Figure 2 The intussusception was resected endoscopically using an endoloop, seen here over the cecum after the appendectomy.

## References

- <sup>1</sup> Casteels M, Eggermont E, Kerremans R et al. Intussusception of the vermiform appendix: a preoperative diagnosis in an adolescent girl. *J Pediatr Gastroenterol Nutr* 1986; 5: 159 – 162
- <sup>2</sup> Ozuner G, Davidson P, Church J. Intussusception of the vermiform appendix; preoperative colonoscopic diagnosis of two cases and review of the literature. *Int J Colorectal Dis* 2000; 15: 185 – 187

## Corresponding Author

**A. de Hoyos, M.D.**

Camino a Santa Teresa No. 1055-119  
Col. Héroes de Padierna

Delegación Magdalena Contreras  
10700 México City

Mexico

E-mail: andehoyos@yahoo.com