

Products	Padlock Clip® defect closure system
Procedural Area	Hemostasis
Article	Yes, we can: reliable colonic closure with the Padlock-G clip in a survival porcine study
Publication	Gastrointestinal Endoscopy Volume 74, No. 4: October 2010
URL	http://www.giejournal.org/article/S0016-5107(10)01844-4/fulltext
Author	Carlos Guarner-Argente, MD, Henry Córdova, MD, Graciela Martínez-Pallí, MD PhD, Ricard Navarro, MD, Miriam Cuatrecasas, MD PhD, Cristina Rodríguez de Miguel, Mireia Beltrán, Antonio M. Lacy, MD PhD, Angels Ginès, MD PhD, Maria Pellisé, MD PhD, Josep Llach, MD PhD, Glòria Fernández-Esparrach, MD PhD
Purpose	Evaluate feasibility, reproducibility and efficacy of the Padlock Clip® defect closure system for colon closure in the survival porcine model.
Key Points	<ul style="list-style-type: none"> • This study was conducted using 10 female Yorkshire pigs weighing 30 to 35 kg under general anesthesia. • A 10-mm colotomy was performed by using a needle-knife and advancing the endoscope to the peritoneal cavity. • Colonic closure was performed by using the Padlock Clip® defect closure system.
Conclusions	<ul style="list-style-type: none"> • 9 of 10 animals survived for 2 weeks without apparent complications (1 had to be killed due to severe bleeding during the initial incision). • Macroscopic and microscopic healing of the colonic site at day 14 showed that all incisions were effectively closed and healed with no spillage into the peritoneal cavity. • Pathologic study revealed a complete rebuilding of the colonic wall in all cases. • The Padlock Clip® defect closure system procedure is feasible, reproducible, effective, and easy to perform and it provides a reliable colonic closure.
This summary does not replace a subscription.	