



This multimedia article (video) has been published online and is available for viewing at <http://www.springerlink.com>. Its abstract is presented here. As a subscriber to *Surgical Endoscopy* you have access to our SpringerLink electronic service, including Online First.

Laparoscopic infracolic necrosectomy for infected pancreatic necrosis

G. D. Adamson, A. Cuschieri

Surgical Skills Unit, Ninewells Hospital and Medical School, University of Dundee, Scotland, United Kingdom

Online publication: 29 September 2003

Abstract. Infected pancreatic necrosis carries a high morbidity and mortality from sepsis and multisystem organ failure. Following confirmation of the infection by CT-guided fine needle aspiration, treatment consists of broad spectrum antibiotics (imipenim-cilastin) followed by emergency open (laparotomy) digital necrosectomy and insertion of drains for postoperative lavage with hyperosmolar dialysate as advocated by Beger et al. This video shows an alternative laparoscopic technique to open necrosectomy and has been used in Dundee since 1994. After elevation of the transverse colon, the lesser sac is opened through the root of the transverse

colon between the middle and left colic vessels. The necrosectomy is accomplished from inside the lesser sac under vision with a combination of pulsed irrigation and graspers. On completion of the necrosectomy, two large drains are inserted into the lesser sac for postoperative irrigation. The experience with this technique has been favorable with a patient survival of 85%.

Key words: Infected pancreatic necrosis — Laparoscopic infracolic necrosectomy — Beger hyperosmolar lavage