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Percutaneous Retroperitoneoscopic Drainage of Complex Extraperitoneal Abscesses Using Flexible Endoscopy: Description of Technique and Perioperative Care

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Abstract

The treatment of primary psoas abscesses usually is performed by a combination of prolonged antibiotic therapy and drainage with interventional radiology techniques. However, although this combination is usually adequate for the treatment of solitary extraperitoneal collections, the presence of multi-loculated complex abscesses requires usually multiple procedures and frequently mandates open surgery. Herein, we describe an alternative technique of percutaneous retroperitoneoscopic drainage of multiple extensive primary psoas abscesses using flexible endoscopy, which can enable

treatment these cases as one-stop procedure in a minimally invasive manner.

Key words: percutaneous retroperitoneoscopic drainage, extraperitoneal abscesses, flexible endoscopy