Laparoscopic treatment of unicentric Castleman's disease with abdominal localization.

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We report a case of unicentric Castleman's disease (angiofollicular lymph node hyperplasia) with abdominal localization, that was treated laparoscopically. The patient, a 23-year-old male, was referred to our unit for subtle symptoms of recurrent palpitations and vague abdominal pain. His physician had prescribed an abdominal echotomograph, which showed a mass located at the lower and anterior lower splenic pole. In order to reach a definite diagnosis and prescribe adequate treatment, a diagnostic laparoscopy was performed. Exploration of the abdominal cavity helped detect a well-vascularized solid round mass at the level of the left hypochondrium, with a vascular pedicle; the lesion was detached, and the pedicle sectioned using an Endo-GIA 40. The postoperative course was regular and the patient was discharged on postoperative day 2. The laparoscopic approach enabled the resection of the lesion (with consequent histological diagnosis) and exploration of the peritoneal cavity with the advantages of minimal invasiveness, magnified images, and more rapid recovery). The pathology was totally resolved, with satisfactory results in terms of recovery, postoperative pain, and cosmesis.