

CR79**LAPAROSCOPIC TREATMENT OF POST-TRAUMATIC SPLENIC CYST**

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DOI: <https://doi.org/10.26800/LV-144-supl2-CR79>

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Keywords: laparoscopic surgery, pseudo-cysts, spleen, trauma

INTRODUCTION/OBJECTIVES: Post-traumatic splenic cysts are classified as secondary cysts. It is possible diagnosis in patient with lump in the left upper quadrant with or without other symptoms. After diagnosis is established, surgery should be performed early due to possible complications such as rupture and abscess formation.

CASE PRESENTATION: A 25-year old male patient presented with painless swelling in left upper quadrant. On physical examination, a large painless tumour was found in the left upper quadrant. Patient has past history of blunt abdominal trauma due to direct blow below left costal margin 5 years ago which he vaguely remembered. A month ago an abdominal U/S check-up was done and a compressive encapsulated cystic lesion of the spleen was found. It was filled with a dense liquid content. Contrast-enhanced abdominal MSCT confirmed the diagnosis of 19 cm large post-traumatic splenic pseudocyst. The patient underwent laparoscopic exploration, fenestration and decapsulation of the cyst. Pathologic examination displayed a fibrotic cystic wall with no epithelial lining, indicating a posttraumatic pseudocyst of the spleen. Postoperative recovery was uneventful and patient was discharged 6 days after with no postoperative complications.

CONCLUSION: This case has showed that splenic cysts can develop and present as left upper quadrant lump even five years after blunt abdominal trauma. Early surgical treatment of splenic cysts prevents complications due to rupture and abscess formation which can lead to peritonitis and hemoperitoneum. Laparoscopic surgery is procedure of choice for splenic cysts as a safe and effective approach with spleen preservation.