



**LATE POST-OPERATIVE SPLENIC BLEEDING AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: CASE REPORT**

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**ABSTRACT**

The risk of postoperative bleeding after laparoscopic sleeve gastrectomy (LSG) has been reported to be between 1% and 6%. Most of them occur in the early post-operative period. The bleeding may be intra or extra luminal. Late post-operative splenic bleeding is rare and not described in the literature. Here we present a case report with massive late post-operative splenic bleeding 10 days post routine LSG.

**Key words:**

Bleeding; post-operative hemorrhage; spleen rupture; splenic hematoma

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**INTRODUCTION**

The risk of postoperative bleeding after laparoscopic sleeve gastrectomy (LSG) has been reported to be between 1% and 6%. Most of them occur in the early post-operative period. The bleeding may be intra or extra luminal. Late post-operative splenic bleeding is rare and not described in the literature. Here we present a case report with massive late post-operative splenic bleeding 10 days post routine LSG.

This work has been reported in line with the SCARE criteria \*.

**Presentation of Case**

We present a 45 years old morbidly obese female patient with BMI 42 without comorbidities underwent LSG. The operative and post-operative course were uneventful with a stable hemodynamic state and CBC. The patient was discharged at POD2 feeling well with a prophylactic anticoagulation.

In POD 10 she was admitted emergently to the emergency room (ER) with a clinical presentation of severe abdominal pain with a stable hemodynamic state. The patient underwent CT which revealed a massive active bleeding from the spleen. But after a short time she developed signs of hypovolemic shock and was taken emergently to the operation room. In the operation there was a huge ruptured sub capsular splenic hematoma, a splenectomy was performed. In POD 4 the patient developed pulmonary embolism and was discharged in POD 7.

**DISCUSSION**

If a patient presents to emergency room after and upper gastrointestinal procedures or bariatric operations with hemorrhagic shock you should suspect splenic rupture . During these operations the surgeon should take care of short gastric vessels and to clip them when it is possible technically.

**CONCLUSIONS**

Our review of literature shows that this late time of splenic bleeding post-operatively is extremely rare but possible complication.

**References**

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