

Impending sepsis due to a ruptured pyomyoma with purulent peritonitis: a case report and literature review

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摘要

Abstract

Objective

Pyomyoma is an uncommon complication of benign leiomyoma. Here, we report a rare case of a perforated pyomyoma with purulent peritonitis.

Case Report

A 53-year-old postmenopausal woman presented with impending septic shock on arrival at our emergency department. Physical examination and imaging studies revealed a pelvic mass with peritonitis. Emergency exploratory laparotomy due to suspicion of a ruptured pyomyoma or malignancy revealed a spontaneously perforated large pyomyoma leaking copious purulent material directly into the peritoneal cavity. Total hysterectomy and bilateral salpingo-oophorectomy were performed. Histopathology revealed no malignancy. The patient recovered smoothly after combined antibiotic therapy.

Conclusion

Gynecologists should be aware of this rare emergency condition, especially when handling a patient with a history of leiomyoma uteri and if signs of infection or even sepsis are present.