

Recurrent Intraperitoneal Bladder Rupture Cured with Conservative Therapy: A Case Report

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Abstract

In 2009, a 50-year-old female was admitted for lower abdominal pain after falling down and sustaining a contusion to the abdomen 11 days before admission. The patient had undergone radical hysterectomy and had received postoperative irradiation for uterine cervical cancer at 33 years of age. An abdominal CT scan showed a large amount of free fluid in the peritoneal cavity. We made a diagnosis of intraperitoneal bladder rupture associated with trauma and radiation cystitis based on the findings of a CT scan and cystoscopy. The patient was cured with nonsurgical treatments, including urethral catheter drainage and antibacterial chemotherapy. In 2010, traumatic intraperitoneal bladder rupture occurred during a traffic accident, and conservative therapy was effective a second time. In 2012, the intraperitoneal bladder rupture recurred, and the patient was again cured with conservative therapy.

Key words: Bladder rupture, Intraperitoneal, Conservative therapy, Radiation cystitis