

**A CASE REPORT OF AN EXTRAINTESTINAL GIST PRESENTING AS A
GIANT ABDOMINOPELVIC TUMOR**

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This study is a case report related with gastrointestinal tumors located extraintestinal region. Gastrointestinal stromal tumor (GIST) is the most common mesenchymal tumor of the gastrointestinal tract. Stomach, being the most common site (70%) for GISTs, is followed by the small intestine (20%). Esophageal, colonic, and anorectal GISTs are uncommon, whereas extraintestinal GISTs are extremely rare. In this study a patient with 15 cm tumor in diameter of the pelvic peritoneum was reported as an extraintestinal GIST. A 75-year-old woman hospitalized to our institution presented with a giant abdominal mass and elevated CA-12-5, CA-15-3 and CA-19 markers. An enlarged tumor was detected on physical examination and abdominal USG. CT scan showed a solid and cystic heterogenous pelvic tumor of 15x15x12 cm in diameter. Gastrointestinal organs, ovaries and uterus appeared normal in explorative laparotomy. It was considered that the tumor had arisen from the pelvic peritoneum. Total excision of tumor was performed from pelvic peritoneal adhesions and omental attachment. Microscopic and immunohistochemically examination of specimen was diagnosed as extraintestinal GIST. She was referred to medical oncology for consideration of adjuvant treatment by using imatinib mesylate.