

Laparoscopic Surgery for a Small Gastrointestinal Stromal Tumor in the Posterior Upper-third of the Stomach

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Abstract: An abdominal tumor was detected in the upper-third of the stomach of a 73-year-old male by health screening. Computed tomography and endoscopic examination revealed a 25 mm spherical submucosal tumor in posterior upper-third of the stomach. The tumor was highly suspected to be a gastrointestinal stromal tumor (GIST). The tumor was resected without stenosis by laparoscopic partial gastrectomy. The patient's post operative course was uneventful and the hospital stay after the operation was 10 days. The tumor was Cajal type of GIST and had intermediate mitotic activity. The patient has no symptoms and a barium enema at one year after surgery and has showed no recurrence and only minimal changes in the remnant stomach.

Key words : Gastrointestinal stromal tumor, Laparoscopic surgery, Submucosal tumor, Stomach