A case of early gastric cancer accompanied by a hamartomatous inverted polyp and successfully managed with endoscopic submucosal dissection

A submucosal tumor (SMT) was found during a regular health check-up in a 59-year-old man. Following barium meal study the SMT was shown to be growing. He visited our hospital for further examination.

The upper gastrointestinal endoscopy revealed an SMT in the posterior wall of the upper third area of the stomach, with bridging fold and positive cushion sign (<Figure 1>). A focal discoloration of mucosa at the top of the SMT indicated the possibility of the SMT indicated the presence of a paracancerous lesion, and is associated with gastrointestinal endoscopy studies, including biopsy. However, a superficial biopsy cannot be effective for critical diagnosis of submucosal lesions.

We propose that aggressive biopsy of SMT is necessary if equivocal findings are noted. Endoscopic submucosal dissection can be an effective procedure of diagnostic therapy for HIP and early cancer. Thus, HIP can be one of the differential diagnoses of SMT lesions of the stomach, and can be associated with early gastric cancer.

References


Bibliography

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