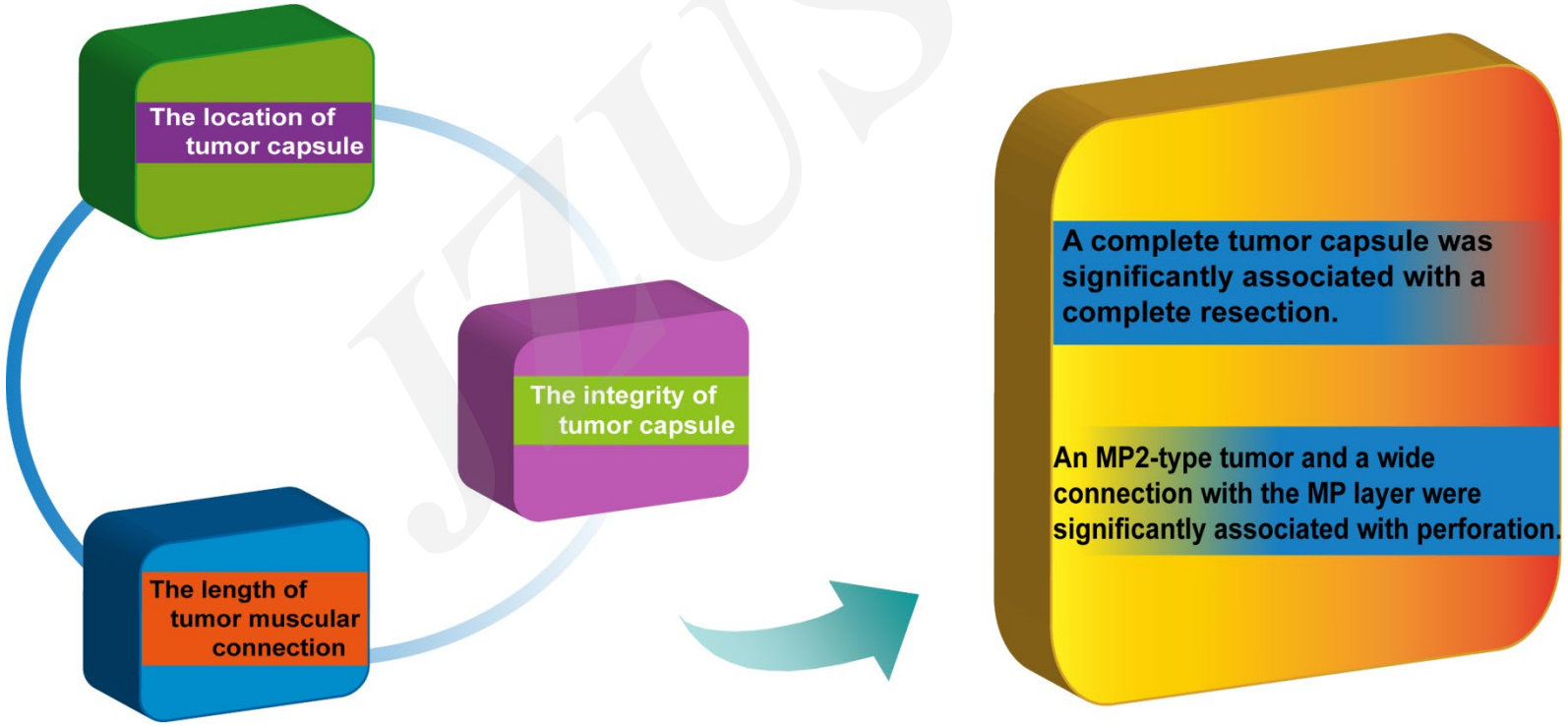
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Hyperechoic demarcation line between a tumor and the muscularis propria layer as a marker for deciding the endoscopic treatment of gastric submucosal tumor

Key words: Gastric submucosal tumors, Endoscopic submucosal dissection, Endoscopic full-thickness resection, Muscularis propria

Research Summary

The purpose of this study is to evaluate the information obtained from endoscopic ultrasonography (EUS) to determine whether endoscopic submucosal dissection (ESD) is appropriate for treating SMTs originating in the muscularis propria (MP) layer.



Innovation points

This is the first report to preoperative evaluate the tumor capsule with EUS for the treatment of SMTs originating in the MP layer.

A series of tables were generated to summarize the safety and efficacy of gastric SMTs treated by endoscopic submucosal dissection (ESD).

Table 1 | Characteristics of the patients and the tumors.

Table 2 | Clinical outcomes of ESD and EFR.

Table 3 | Predictive parameters of complete resection for SMTs treated by ESD.

Table 4 | Predictive parameters of perforation for SMTs treated by ESD.

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