| Author       | Endoscopic method | Laparoscopic method   | Tumor location | Mitotic index | Types of Complications                                                                 | Severity of Complications | Follow-up |
|--------------|-------------------|-----------------------|----------------|---------------|----------------------------------------------------------------------------------------|---------------------------|-----------|
| Wang et al   | Full-thickness ER | LAP wedge resection   | Antrum         | 2, 4, N/A     | Wound disruption                                                                       | 3, 0, I                   | N/A       |
|              |                   |                       | Body           | 26, 16        | Localized peritonitis                                                                  | 0, 3, II                  | 14       |
|              |                   |                       | Fundus         | 38, 23        | Gastrointestinal bleeding                                                               | 0, 3, III                 | 3        |
|              |                   |                       |                |               | Pneumatosis                                                                            | 5, 0, IV                  |           |
|              |                   |                       |                |               | Pneumatosis and localized peritonitis                                                  | 9, 0, V                   |           |
| Jeong et al  | ESD               | LAP wedge resection   | Proximal       | 17, ≤5, 65    | N/A                                                                                   | I                         | ER: 49.3 m |
|              |                   |                       | Body           | 62, 6–10, 13  |                                                                                       | II, 1, 6                  | LAP: 37.0 m |
|              |                   | LAP distal gastrectomy|                |               |                                                                                       |                           |           |
|              |                   |                       |                |               |                                                                                       |                           |           |
|              |                   | LAP total gastrectomy |                |               |                                                                                       |                           |           |
| Dong et al   | Full-thickness ER | LAP intragastric surgery | Proximal       | 8, 6, ≤5, 10  | N/A                                                                                   | N/A                       | Mean      |
| Wu et al     | Full-thickness ER | LAP wedge resection   | Antrum         | 13, 15, N/A   | N/A                                                                                   | I                         | N/A       |
|              |                   |                       | Body           | 23, 19        |                                                                                        | II, 2                     |           |
|              |                   |                       | Fundus         | 14, 8         |                                                                                        | III, 2                    |           |
|              |                   |                       |                |               |                                                                                        | IV, 2                     |           |
| Author      | Procedure                  | Location | Method          | Patients | Mean Age | Follow-up | Complication | Number | Type   | ER  |
|-------------|----------------------------|----------|-----------------|----------|----------|-----------|--------------|--------|--------|-----|
| Meng et al  | ESD                        | Antrum   | N/A             | 2        | 2        | N/A       | N/A          | 2      | N/A    | N/A |
|             |                            | Body     |                 | 9        | 16       |           | N/A          |        |        | 7 m |
|             |                            | Fundus   |                 | 61       | 30       |           | N/A          |        |        | LAP:|
| Dai et al   | N/A                        | Cardia   | N/A             | 34       | 5        | ≤5        | 59           | 24     | Bleeding | 32.9 m|
|             |                            | Antrum   |                 | 7        | 21       | 6–10      | 16           | 4      | Perforation | LAP:|
|             |                            | Body     |                 | 59       | 26       | >10       | 2            | 0      | Infection  | 3.41 y|
|             |                            | Fundus   |                 | 154      | 35       |           | 32.9         | 4      | Other    | LAP:|
| Meng et al  | ESD                        | Antrum   | N/A             | 8        | 3        | N/A       | Perforation or Bleeding | 2      | 1      | N/A |
|             |                            | Body     |                 | 13       | 18       |           | N/A          |        |        | 3.34 y|
|             |                            | Fundus   |                 | 54       | 30       |           | N/A          |        |        | 3.41 y|
| Gluzman et al | ESD (n=6) | LAP wedge resection | Stomach | 21       | 36       | N/A       | Bleeding | 1 | I | N/A |
|             | Tunnel ER (n=8) | LAP partial gastrectomy | Intestine | 1 | 4 | Perforation | 2 | II | |
|             | Full-thickness ER (n=8) | LAP sleeve gastrectomy |            | 1 | 4 | Pharyngeal wall tear | 1 | III | 3 | 3 |
|             | LAP small bowel resection (n=3) | |            | | | Resistant pylorospasm | 1 | IV | |
|             |                            | Adhesive obstruction |            | 1         | 1 V      | |
| He et al    | ESD                        | Antrum   | N/A             | 11       | 19       | ≤5        | 36           | 45     | Bleeding | >12 m|
|             |                            | Body     |                 | 32       | 38       | >15       | 26           | 39     | Infection | |
|             |                            | Fundus   |                 | 19       | 27       |           | N/A          | 2      |        | |
| Yin et al   | ESD                        | LAP wedge resection | Proximal | 24       | 18       | ≤5        | 41           | 22     | Bleeding | 69.5 m|
|             | LAP partial gastrectomy | Body     |                 | 18       | 10       | 6–10      | 3            | 6      | Perforation | 8 | 1 |
|             | LAP total gastrectomy | Distal |                 | 4        | 2        | >10       | 2            | 2      | Infection | 3 | 0 |
|             |                            | Distal   |                 |           |          |           |               | 2      | Severe sour regurgitation | 3 | 0 |
| Chen et al  | ESD                        | Cardia   | N/A             | 4        | 11       | ≤5        | 32           | 59     | N/A       | |
|             |                            | Body     |                 |          |          |           | N/A          | 1      | I | ER: |
|             |                            | Fundus   |                 |          |          |           | N/A          |        | |
|             |                            |           |                 |          |          |           |               |        | |
|             |                            |           |                 |          |          |           |               |        | |

ER: Estimated Recovery Time; LAP: Laparoscopic Procedure; ESD: Endoscopic Submucosal Dissection.
|                | Full-thickness ER | N/A     | Cardia | 6 | 3 | N/A | Bleeding | 0 | 1 | N/A | ER: | 29 m |
|----------------|-------------------|---------|--------|----|----|-----|----------|----|----|-----|-----|------|
| Zhao et al     |                    |         | Fundus | 55 | 36 |     | Pneumoperitoneum | 4 | 0 |     |     |      |
|                |                    |         | Body   | 20 | 18 |     | Infection   | 1 | 3 |     |     | LAP: |
|                |                    |         | Antrum | 7  | 16 |     |           |    |   |     |     | 60 m |

|                | ESD   | LECS  | Proximal | 21 | 17 | N/A | Bleeding | 6 | 1 | N/A | Mean | 57.9 m |
|----------------|-------|-------|-----------|----|----|-----|----------|----|----|-----|------|---------|
| Balde et al    |       |       | Body      | 2  | 8  |     | Perforation | 2 | 0 |     |     |        |
|                |       |       | Distal    | 7  | 5  |     | Reoperation | 4 | 0 |     |     |        |
|                |       |       | Other     | 8  | 1  |     |           |    |   |     |     |        |

|                | ESD   | LECS  | Proximal | 24 | 9  | \(\leq5\) | Bleeding | 2 | 0 | I   | 69.5 m |
|----------------|-------|-------|-----------|----|----|----------|----------|----|----|-----|-------|
| Yin et al      |       |       | Body      | 18 | 5  | 6–10     | Perforation | 3 | 0 | II  |       |
|                |       |       | Distal    | 4  | 1  | \(>10\)  | Infection | 2 | 1 | III |       |
|                |       |       |           |    |    |          | Obstruction | 0 | 1 | IV  |       |

|                | EIGS  | LECS  | N/A       | N/A | Gastric mucosal injury | 3 | 0 | I   | \(>12\) m |
|----------------|-------|-------|-----------|-----|------------------------|----|----|-----|-----------|
| Ojima et al    |       |       |           |     | Esophageal tear   | 1 | 0 | II  |          |
|                |       |       |           |     | Anastomotic leakage | 0 | 1 | III | 10  |
|                |       |       |           |     | Bleeding               | 3 | 0 | IV  |          |
|                |       |       |           |     | Infection               | 3 | 0 | V   |          |

Severity of Complications was assessed according to Clavien-Dindo system. ER: endoscopic resection; ESD: endoscopic submucosal dissection; LAP: laparoscopic resection; LECS: laparoscopic and endoscopic cooperative surgery; N/A: not available; HPF: high-power fields; EIGS: endoscopic intragastric surgery.