

Supplementary table 1. Items isolated to estimate propensity scores

Patients information

Age
Gender
Performance status (ECOG)
ASA physical status classification
Height
Body weight
Institution
Year of operation
Operating history
Histology of endoscopic mucosal resection

Risk, comorbidities or symptoms

Diabetes mellitus
Anemia
Stenosis
Pain
Fever
Pulmonary function disorder
Respiratory disorder
Ischemic heart disease
Renal function disorder
Liver function disorder
Neurological disorder
Hypertension
Simultaneous Operation for other disease
Use of steroid
Gallbladder stone
Other malignant disease
Other operative risks

Tumor characteristics

Location (upper, middle or lower)
Location (anterior, posterior, greater or lesser curvature)
Number of lesion
Tumor size
Macroscopic type
Histological type of biopsy specimens
Clinical T factor

Clinical N factor

Clinical M factor

Esophageal invasion

Duodenum invasion

ASA-PS American Society of Anesthesiologists Physical Status