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REGISTRATION DETAILS

Research Registry Unique Identifying Number	researchregistry10673
Registration Date	September 09, 2024 09:31
Public and Scientific Title of Research (if different, please provide both)	Remission of Type 2 Diabetes 1 Year After Esophagectomy With Gastric Conduit Reconstruction: A Single-Center Prospective Study
Key Research Questions and Objectives	To explore the rate of T2D remission after esophagectomy with gastric conduit reconstruction
Lay Summary (please do not just paste your abstract. Please summarise your research, written in a way the public can understand)	<p>Type 2 diabetes (T2D) remission has been widely reported after bariatric surgery, while rarely reported after esophagectomy. The change in glucose regulation after esophagectomy is poorly understood.</p> <p>We plan to explore the incidence and predictors of T2D remission 1 year after esophagectomy with gastric conduit reconstruction in a prospective patient cohort. Consecutive patients with esophageal cancer and T2D scheduled for esophagectomy with gastric conduit reconstruction will be selected and studied preoperatively and at 3 months, 6 months, and 12 months postoperatively. T2D Remission is defined as normal HbA1C without glucose-lowering medications. Related information including age, sex, body mass index (BMI), histology type, pathology stage, surgical procedure, perioperative treatment, duration and treatment details of T2D will be recorded and analyzed.</p>
Study Type	Prospective Cohort
Study Type Other (provide details including: method of allocation - randomized/non-randomized, masking (is masking used and, if so, who is masked) Assignment (single arm, parallel, crossover or factorial)	
Primary Investigator and Sponsor	Huajie Xing
Other Investigator(s) or secondary sponsor(s)	Zhiqiang Wang
Additional Investigators	
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