Changes in *Helicobacter pylori* Immunoglobulin G Levels and Gastric Mucosal Atrophy after Successful Eradication of *Helicobacter pylori*

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**Fig. 1.** Schematic flow of this study. ESD, endoscopic submucosal dissection; EGC, early gastric cancer; *H. pylori*, *Helicobacter pylori*; IgG, immunoglobulin G; PG, pepsinogen.
After correction

Patients ESD for EGC  
Aug 2007 to Mar 2013, n=1,008

Proven H. pylori infection and elevated serum H. pylori IgG and PG at the time of ESD (n=402)

Exclusion  
1. Do not evaluate serum H. pylori IgG and PG at the time of ESD (n=232)  
2. No evidence of H. pylori infection (n=121), previous H. pylori eradication (n=253)

Successful H. pylori eradication and follow up the serum H. pylori IgG and PG after 1 year (n=106)

Exclusion  
1. No H. pylori eradication or eradication failure (n=32)  
2. Did not follow up serum H. pylori IgG and PG after eradication (n=182)  
3. Reinfection or recrudescence (n=25)  
4. Surgery after ESD (n=42)  
5. Follow up loss (n=15)

H. pylori IgG decreased less than 50% after eradication (group 1, n=25)  
H. pylori IgG decreased more than 50% after eradication (group 2, n=81)

Fig. 1. Schematic flow of this study. ESD, endoscopic submucosal dissection; EGC, early gastric cancer; H. pylori, Helicobacter pylori; IgG, immunoglobulin G; PG, pepsinogen.