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| **Supplementary Table 1**. **Detailed search strategy in three databases** | |
| **Database** | **Search strategy** |
| PubMed  citations 829 | #1 (((cardia) OR (proximal)) OR (esophagogastric junction)) OR (gastroesophageal junction)  #2 (((((neoplasm) OR (tumor)) OR (cancer)) OR (neoplasia)) OR (carcinoma)) OR (adenocarcinoma)  #3 (((helicobacter pylori[MeSH Terms]) OR (helicobacter nemestrinae)) OR (campylobacter pylori)) OR (h.pylori)  #4 #1 AND #2 AND #3 |
| Embase  citations 1185 | #1 'cardia':ti,ab,kw OR 'proximal':ti,ab,kw OR 'esophagogastric junction':ti,ab,kw OR 'gastroesophageal junction':ti,ab,kw  #2 'neoplasm':ti,ab,kw OR 'tumor':ti,ab,kw OR 'cancer':ti,ab,kw OR 'neoplasia':ti,ab,kw OR 'carcinoma':ti,ab,kw OR 'adenocarcinoma':ti,ab,kw  #3 'helicobacter pylori':ti,ab,kw OR 'helicobacter nemestrinae':ti,ab,kw OR 'campylobacter pylori':ti,ab,kw OR 'h.pylori':ti,ab,kw  #4 #1 AND #2 AND #3 |
| Web of Science  citations 1939 | #1 cardia (Topic) or proximal (Topic) or esophagogastric junction (Topic) or gastroesophageal junction (Topic)  #2 neoplasm (Topic) or tumor (Topic) or cancer (Topic) or neoplasia (Topic) or carcinoma (Topic) or adenocarcinoma (Topic)  #3 helicobacter pylori (Topic) or helicobacter nemestrinae (Topic) or campylobacter pylori (Topic) or h.pylori (Topic)  #4 #1 AND #2 AND #3 |