

**Table 2.5. Prospective nested case–control studies on *helicobacter pylori* infection and gastric mucosa-associated lymphoid tissue (MALT) lymphoma**

Reference, study location and period	Characteristics of cases	Characteristics of controls	Detection method	Exposure categories	No. of exposed cases	Relative risk* (95% CI)	Comments
Parsonnet <i>et al</i> (1994) USA Norway	33 cases of gastric non-Hodgkin lymphoma from two cohorts: Kaiser-Orentreich cohort, 128 992 members of Kaiser Permanente Medical Group; Janus cohort, 170 000 persons who donated blood and participated in various health screenings in Norway (1973-1991). 31 patients with nongastric non-Hodgkin lymphoma previously matched to two controls; 100% histologically confirmed	Controls matched to cases 4 to 1 according to cohort, date of birth, sex, date and site of serum collection. Controls from Kaiser-Orentreich cohort also matched by racial or ethnic group. Janus cohort predominantly white.	Serology/ELISA <i>H. pylori</i> IgG	<i>Seropositivity titer &gt;3SD above mean of 15 negative control standards</i>	Primary gastric non-Hodgkin lymphoma 28 Non-gastric Non-Hodgkin lymphoma 20 Low-grade MALT 2	6.3(2.0–19.9)  1.2(0.5–3.0)  2.8(0.2–28.5)	Prospective (nested) case-control study; matched analysis; 3 patients with gastric non-Hodgkin lymphoma had low-grade MALT