

**Table 2.16. Meta analysis of *helicobacter pylori* infection and hepatocellular carcinoma**

Reference, study location and period	Characteristics of cases	Characteristics of controls	Detection method	Exposure categories	No. of exposed cases	Relative risk* (95% CI)	Adjusted potential confounders	Comments
Xuan <i>et al</i> (2008) 10 studies 2000-2006 France, Sweden, Italy, Japan, China	242 cases of hepatocellular carcinoma (HCC) from 9 case-control studies and one retrospective cross-sectional study. Cases have HCC by pathology, histology and surgery.	280 controls from same 10 studies with range of diagnoses; include metastatic cancer, normal and cirrhotic liver tissue, metastatic liver carcinoma, chronic hepatitis with and without cirrhosis, benign tumour of liver, external injury to liver, giant hemangioma, intrahepatic bile duct stone.	<i>H.pylori</i> detected in liver tissue.	<i>H.pylori</i> DNA sequence (two sets of primers in the 16S rDNA) present=positive	129	13.63 (7.90–23.49)	—	Only studies in English or Chinese included. Graphical funnel plot was asymmetrical which may suggest the probable existence of publication bias.