

Table 2.11 Case-control studies of smokeless tobacco and pancreatic cancer

Reference, study location and period	Organ site (ICD code)	Characteristics of cases	Characteristics of controls	Exposure categories	Relative risk(95% CI)	Adjustment for potential confounders	Comments	
Hassan et al., (2007) United States Jan 2000–May 2006	Pancreas (157)	Hospital based case-control study with 808 pathologically confirmed pancreatic adenocarcinoma cases	Controls were visitors who accompanied cancer patients other than those of pancreas, gastrointestinal system or smoking-related cancers. Controls did not have past history of cancer(<i>n</i> = 808).	<i>Chewing tobacco</i>			Adjusted for age,race/ethnicity, cigarette smoking, H/of diabetes,alcohol consumption, educational level, state of residency and marital status.	Cases & controls frequency matched by age(\pm 5 yrs), race/ethnicity, and sex
				Never use	1.00			
				Ever use	0.7(0.4–1.1)			
				Low or moderate intake	0.6(0.3–1.2)			
				High intake	0.6(0.3–1.2)			
				<i>Snuff</i>				
Never use	1.00							
Ever use	0.6(0.3–1.1)							
Low or moderate intake	0.6(0.2–1.5)							
High intake	0.6(0.2–1.3)							