

Table 2.7. Case-control studies of chewing betel quid and cancer of the oral cavity published after IARC (1985)

Reference, study location and period		Odds Ratios from studies								interaction effect
		None	Betel quid chewing	Tobacco smoking	Alcohol drinking	Betel quid chewing +tobacco smoking	Betel quid chewing +alcohol drinking	Tobacco smoking+ alcohol drinking	All three habits	
Without tobacco										
Znaor <i>et al.</i> (2003) Chennai and Trivandrum, India 1993-1999	men	1.0	3.4	2.5	2.6	4.8	4.4	4.8	8.1	
Ko <i>et al.</i> (1995) Kaohsiung Taiwan 1992- 1993	men	1.0	18.0	28.2	10.2	89.1	22.3	54.0	122.8	No test provided for interaction
With tobacco										
Sankaranarayanan <i>et al.</i> (1989a) Trivandrum, Kerala, India 1983-84	men	1.0	8.8	3.8	-	16.3	21.3	16.4	21.4	significant interaction observed†
Sankaranarayanan <i>et al.</i> (1990b) Trivandrum, Kerala, India 1983-84	men	1.0	14.1	4.1	2.6	21.0	20.1	8.5	31.4	interaction was non significant†
Rao <i>et al.</i> (1994) Mumbai, India 1980-84	men	1.0	3.6	1.7	1.3	2.9	4.3	2.4	8.9	no tests provided
Znaor <i>et al.</i> (2003) Chennai, India 1993-1999	men	1.0	9.3	2.5	2.6	8.5	24.3	4.8	16.3	p<0.01**
Cancer since 2004										
Subapriya <i>et al.</i> (2007) Tamil Nadu, India 1991- 2003		1.0	4.1	7.5	3.9	3.9	4.2	8.3	11.3	No test provided for interaction
Muwonge <i>et al.</i> (2008) Trivandrum, India	men	1.0	4.8	1.3	1.2	5.5	6.4	2.6	4.8	No test provided for interaction

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Yen <i>et al.</i> (2008b) Taichung, Taiwan	men	1.0	11.0	4.7	1.0	21.8	16.1	9.0	39.7	No test provided for interaction

** represent p- values from statistical test for interaction

† indicate p- values of interaction, statistical method not described