

## Supplementary Material S1 Search strategy

Terms: (Oral cancer OR Oral malignancy OR Oral neoplasm) AND (risk factor OR determinant OR predictor) AND India

Search terms	Mesh terms	Text words
Oral	Mouth (MeSH)	Oral*(tiab) Buccal*(tiab)
Cancer	Neoplasm (MeSH)	Cancer (tiab) Carcinoma (tiab) Malignan*(tiab) Tumor (tiab)
Risk factor	Risk factors (MeSH)	Risk factors (tiab) Risk*(tiab) Risk assessment Determinants (tiab) Predictors (tiab) Associated factors (tiab) Predisposing factors (tiab)
India	India (MeSH)	India (tiab) Indian population Indian

PubMed (MEDLINE), search date: September 25, 2024

Search number	Query	Results
1	Mouth (MeSH)	328,181
2	Oral*(tiab) OR Buccal*(tiab)	872,324
3	#1 OR #2	1,135,859
4	Neoplasm (MeSH)	4,025,835
5	Cancer (tiab) OR Carcinoma (tiab) OR Malignan*(tiab) OR Tumor (tiab)	3,794,252
6	#3 OR #4	5,207,140
7	#1 OR #2 OR #3 OR #4	6,152,269
8	#3 AND #6	190,732
9	Risk factors (MeSH)	1,005,349
10	“Risk factors” (tiab) OR Risk*(tiab) OR “Risk assessment”(tiab) OR Determinants (tiab) OR Predictors (tiab) OR “Associated factors” (tiab) OR “Predisposing factors” (tiab)	3,597,870
11	#9 AND #10	3,881,351
12	India (MeSH) OR India (tiab) OR Indian population (tiab) OR Indian (tiab)	247,773
13	#8 AND #11 AND #12	550

ScienceDirect, search date: September 28, 2024

Search number	Query	Results
1	Oral OR Mouth OR Buccal	310,153
2	Cancer OR malignant	922,177
3	Carcinoma OR neoplasm	281,117
4	Oral AND (Cancer OR malignant OR carcinoma OR neoplasm)	42,185
5	Buccal AND (Cancer OR malignant OR carcinoma OR neoplasm)	1,649
6	Mouth AND (Cancer OR malignant OR carcinoma OR neoplasm)	3,069
7	(Oral OR Mouth OR Buccal) AND (Cancer OR malignant OR carcinoma OR neoplasm)	44,328
8	"risk factors"	243,427
9	"risk factor" OR "risk predictors" OR "risk determinant" OR "associated factors" OR "predisposing factors"	253,502
10	India OR "Indian population"	84,431
11	("Oral cancer" OR "Mouth cancer" OR Buccal cancer") AND ("risk factor") AND (India OR "Indian population")	51

Google Scholar, search date : September 20, 2024

Search number	Query	Results
1	Oral OR Mouth OR Buccal	787,000
2	Cancer OR malignant OR carcinoma OR neoplasm	1,900,000
4	Oral AND (Cancer OR malignant OR carcinoma OR neoplasm)	65,100
5	Buccal AND (Cancer OR malignant OR carcinoma OR neoplasm)	611
6	Mouth AND (Cancer OR malignant OR carcinoma OR neoplasm)	1,320
7	(Oral OR Mouth OR Buccal) AND (Cancer OR malignant OR carcinoma OR neoplasm)	67,000
8	"risk factors"	624,000
9	risk factor OR risk predictors OR risk determinant OR associated factors OR predisposing factors	64,400
10	India OR "Indian population"	8,190
11	Oral cancer AND risk factor AND India	55

**Supplementary Material S2** List of excluded studies with reasons at full-text stage

Sl. no.	Title of the paper	Reason for exclusion
1.	Areca nut and oral cancer: evidence from studies conducted in humans	Systematic review
2.	Prevalence of diabetes and prediabetes in 15 states of India: results from the ICMR-INDIAB population-based cross-sectional study	Not oral cavity cancer
3.	The mortality of oral cancer attributable to tobacco in China, the US, and India	Not oral cavity cancer
4.	Oral cavity cancer in the Indian subcontinent - challenges and opportunities	Review article
5.	Chronic obstructive pulmonary disease	Not oral cavity cancer
6.	Chalazion: racial risk factors for formation, recurrence, and surgical intervention	Not oral cavity cancer
7.	Prevalence and risk factors for diabetic retinopathy in prediabetes in Asian Indians	Not oral cavity cancer
8.	Dynamics of oral human papillomavirus infection in healthy population and head and neck cancer	Not oral cavity cancer
9.	Cigarette smoke and related risk factors in neurological disorders: an update	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
10.	Pediatric allergic diseases in the Indian subcontinent - epidemiology, risk factors and current challenges	Not oral cavity cancer
11.	Prevalence and risk factors of recurrent aphthous stomatitis among college students at Mangalore, India	Not oral cavity cancer
12.	Epidemiology, control and prevention of tobacco induced oral mucosal lesions in India	Not oral cavity cancer
13.	Risk factors for palatal and orbital involvement in mucormycosis epidemic - report of a center in India	Not oral cavity cancer
14.	Oral cancer in India continues in epidemic proportions: evidence base and policy initiatives	Review article
15.	Prevalence, trend, and associated risk factors for cleft lip with/without cleft palate: a national study on live births from 2016 to 2021	Not oral cavity cancer
16.	Cancer risk and diet in India	Review article
17.	Screening for oral cancer: future prospects, research and policy development for Asia	Review article
18.	Oral cancer in the Indian Subcontinent - survival outcomes and risk factors with primary surgery	Not oral cavity cancer
19.	Stomatognathic risk factors and clinical manifestations of temporomandibular disorders in Indian population: a case-control study	Not oral cavity cancer
20.	Prevalence and risk factors of chronic low back pain in university athletes: a cross-sectional study	Not oral cavity cancer
21.	Incidence and risk factors for severe dehydration in hospitalized children in Ujjain, India	Not oral cavity cancer
22.	Metabolic risk factors and type 2 diabetes incidence in American Indian children	Not oral cavity cancer
23.	Exploring the multitude of risk factors associated with early childhood caries	Not oral cavity cancer
24.	Nano drug delivery in treatment of oral cancer, a review of the literature	Review article
25.	Expert consensus on the detection and screening of oral cancer and precancer	Review article
26.	Impact of multiple risk factors on vaccination inequities: analysis in Indian infants over 2 decades	Not oral cavity cancer
27.	A survey on risk factors associated with cervical cancer	Not oral cavity cancer
28.	Alcohol and cancer risk: a systematic review and meta-analysis of prospective Indian studies	Systematic review
29.	Racial disparities in preventable risk factors for head and neck cancer	Not in India
30.	Biomarkers of oral premalignant epithelial lesions for clinical application	Review article
31.	Oral premalignant lesions: from a clinical perspective	Not oral cavity cancer
32.	Decrypting the occurrence of mucormycosis following dental extractions: a systematic review	Not oral cavity cancer
33.	Disruptions in oral and nasal microbiota in biomass and tobacco smoke associated chronic obstructive pulmonary disease	Not oral cavity cancer
34.	Risk factors for the development of retinopathy in prediabetes and type 2 diabetes: the Diabetes Prevention Program Experience	Not oral cavity cancer
35.	Bacteria in the oral cavity of individuals consuming intoxicating substances	Not oral cavity cancer
36.	Prevalence, burden, and risk factors of migraine: a community-based study from Eastern India	Not oral cavity cancer
37.	Oral health status and self- assessment of oral health risk factors among South Indian diabetic patients	Not oral cavity cancer
38.	Betel and tobacco chewing habit and its relation to risk factors for periodontal disease	Not oral cavity cancer
39.	Pathogenesis of oral submucous fibrosis. Relationship to risk factors associated with oral cancer	Not oral cavity cancer

**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
40.	Cohort profile: Mysore Parthenon Birth Cohort	Descriptive study
41.	Risk factors for hyperglycaemia in pregnancy in Tamil Nadu, India	Not oral cavity cancer
42.	Periodontal diseases in Asians	Not oral cavity cancer
43.	Occupations and the risk of buccal mucosa cancer in Indian men: a multi-centre case-control study	No relevant information
44.	Pedigree studies and evaluation of risk factors of breast cancer in Goa	Not oral cavity cancer
45.	Oral problems and associated risk indicators in adults in the Russian Federation, India, and China	Not oral cavity cancer
46.	Incidence, clinical features, risk factors, and outcomes of Intraocular inflammation following Brolucizumab in Indian eyes - a multicentric study	Not oral cavity cancer
47.	Prevalence and risk factors for prehypertension and hypertension in five Indian cities	Not oral cavity cancer
48.	Burden, risk factors and outcomes associated with gestational diabetes in a population-based cohort of pregnant women from North India	Not oral cavity cancer
49.	Life-conditions and anthropometric variables as risk factors for oral health in children in Ladakh, a cross-sectional survey	Not oral cavity cancer
50.	Oral submucous fibrosis. A review	Review article
51.	The incidence and risk factors of postpartum diabetes in women from Bangladesh, India and Sri Lanka (South Asia) with prior gestational diabetes mellitus: Results from the LIVING study	Not oral cavity cancer
52.	Epidemiology of oral cancer in Asia in the past decade—an update (2000-2012)	Review article
53.	Oral cancer awareness and knowledge among dental patients in South India	Descriptive study
54.	Early-life factors affect risk of pain and fever in infants during teething periods	Not oral cavity cancer
55.	A risk assessment study on work-related musculoskeletal disorders among dentists in Bhopal, India	Not oral cavity cancer
56.	Persistent diarrhea in children: epidemiology, risk factors, pathophysiology, nutritional impact, and management	Not oral cavity cancer
57.	Poor oral hygiene and risk of esophageal squamous cell carcinoma in Kashmir	Not oral cavity cancer
58.	Oral cancer in India, a growing problem: Is limiting the exposure to avoidable risk factors the only way to reduce the disease burden?	Review article
59.	[Epidemiology and risk factors of the oral carcinoma]	Descriptive study
60.	Comparison of linear and zero-inflated negative binomial regression models for appraisal of risk factors associated with dental caries	Not oral cavity cancer
61.	Risk factors and prevalence of dental fluorosis and dental caries in school children of North India	Not oral cavity cancer
62.	Birth weight, childhood and adolescent growth and diabetes risk factors in 21-year-old Asian Indians: the Pune Children's Study	Not oral cavity cancer
63.	Occupation as a measure of life course socioeconomic position and the risk of oral cancers in India	Exposures are not mentioned
64.	Sleep quality and nocturnal sleep duration in pregnancy and risk of gestational diabetes mellitus	Not oral cavity cancer
65.	Tobacco, oral cancer, and treatment of dependence	Review article
66.	Awareness regarding oral cancer and oral precancerous lesions among rural population of Belgaum district, India	Not oral cavity cancer
67.	Population study of urban, rural, and semiurban regions for the detection of endovascular disease and prevalence of risk factors and holistic intervention study: rationale, study design, and baseline characteristics of PURSE-HIS	Not oral cavity cancer
68.	Clinicopathologic features and risk factors associated with oral squamous cell carcinoma (OSCC): a comprehensive descriptive study analyzing the burden of OSCC in a tertiary-level hospital in North Kerala, India	Descriptive study

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
69.	The epidemiology of mouth cancer: a review of global incidence	Review article
70.	Trends in the global burden of oral cancer joint with attributable risk factors: results from the Global Burden of Disease Study 2019	Review article
71.	Oral cavity cancer in developed and in developing countries: population-based incidence	Review article
72.	Assessment of maternal risk factors and its relationship with early childhood caries among preschool children in Mangaluru city	Not oral cavity cancer
73.	Risk factors for the development of triple-negative breast cancer versus non-triple-negative breast cancer: a case-control study	Not oral cavity cancer
74.	Can visceral leishmaniasis be eliminated from Asia?	Not oral cavity cancer
75.	Smokeless tobacco-associated lesions: a mobile health approach	Not oral cavity cancer
76.	Retrospective pharmacovigilance analysis of nonsteroidal anti-inflammatory drugs-induced chronic kidney disease	Not oral cavity cancer
77.	KAP assessment of oral health and adverse pregnancy outcomes among pregnant women in Hyderabad, India	Not oral cavity cancer
78.	Oral health impact, dental caries experience, and associated factors in 12-15-year-old school children in India	Not oral cavity cancer
79.	Prevalence and risk factors for non-carious cervical lesions in children attending special needs schools in India	Not oral cavity cancer
80.	Assessment of genotoxic and molecular mechanisms of cancer risk in smoking and smokeless tobacco users	Review article
81.	Risk factors for symptomatic avascular necrosis (AVN) in a multi-ethnic systemic lupus erythematosus (SLE) cohort	Not oral cavity cancer
82.	Screening for cancer of the head and neck: if not now, when?	Review article
83.	Chronic periodontitis prevalence and the inflammatory burden in a sample population from South India	Not oral cavity cancer
84.	Tobacco chewing and female oral cavity cancer risk in Karunagappally cohort, India	No relevant information
85.	XRCC3 and NBS1 gene polymorphisms modulate the risk of pre-oral cancer and oral cancer in the North Indian population	Not oral cavity cancer
86.	Risk factors and associated pathway for rural and urban unmet dental prosthetic needs among older adults in Central India	Not oral cavity cancer
87.	Analysis of various risk factors affecting potentially malignant disorders and oral cancer patients of Central India	No relevant information
88.	Perceptions and practices of general practitioners towards oral cancer and emerging risk factors among Indian immigrants in Australia: a qualitative study	Not oral cavity cancer
89.	Prevalence of habits and oral mucosal lesions in Jaipur, Rajasthan	Descriptive study
90.	Impacts of TNF-LTA SNPs/haplotypes and lifestyle factors on oral carcinoma in an Indian population	Genetic studies
91.	Risk factors for multiple oral premalignant lesions	Descriptive study
92.	Antenatal oral glucose tolerance test abnormalities in the prediction of future risk of postpartum diabetes in women with gestational diabetes: results from the LIVING study	Not oral cavity cancer
93.	Assessment of social, demographic determinants and oral hygiene practices in relation to dental caries among the children attending Anganwadis of Hingna, Nagpur	Not oral cavity cancer
94.	Magnitude and pattern of various cancers from tertiary health care center registry: a study in three southern states of India	Descriptive study
95.	Prevalence of non-alcoholic fatty liver disease and factors associated with it in Indian women with a history of gestational diabetes mellitus	Not oral cavity cancer
96.	Association between X-ray repair cross-complementing group 1 Arg399Gln polymorphism and risk of oral leukoplakia: a meta-analysis	Genetic studies

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
97.	A case-controlled investigation of risk factors associated with molar incisor hypomineralization (MIH) in 8-12-year-old children living in Chandigarh, India	Not oral cavity cancer
98.	Implementing American Joint Committee on Cancer 8(th) edition for head-and-neck cancer in India: Context, feasibility, and practicality	Review article
99.	Newer trends in the management of genital herpes	Not oral cavity cancer
100.	Factors associated with early childhood caries among 3 to 6 year old children in India: a case control study	Not oral cavity cancer
101.	A cohort study on risk factors for preterm births in rural Gujarat	Not oral cavity cancer
102.	Health effects associated with smokeless tobacco: a systematic review	Systematic review
103.	Evaluation of Madras Diabetes Research Foundation-Indian Diabetes Risk Score in detecting undiagnosed diabetes in the Indian population: Results from the Indian Council of Medical Research-India DIABetes population-based study (INDIAB-15)	Not oral cavity cancer
104.	Reproductive factors and breast cancer: a case-control study in tertiary care hospital of North India	Not oral cavity cancer
105.	Can use of pictograms reduce liquid medication administration errors by mothers? An interventional study	Not oral cavity cancer
106.	Risk factors of moyamoya disease in Canada and the USA	Not oral cavity cancer
107.	Prevalence and risk factors for dental erosion among 11- to 14-year-old school children in South India	Not oral cavity cancer
108.	Risk factor profiles of head and neck cancer patients of Andhra Pradesh, India	Descriptive study
109.	Awareness of general dental practitioners about oral screening and biopsy procedures in Udaipur, India	Not oral cavity cancer
110.	Mouth self-examination to improve oral cancer awareness and early detection in a high-risk population	Not oral cavity cancer
111.	Clinical profile, risk factors and outcomes in patients with cerebral venous sinus thrombosis: a study from Western India	Not oral cavity cancer
112.	Betel quid oral lichenoid lesions: a hospital based cross-sectional study	Not oral cavity cancer
113.	Prevalence of glucose metabolism disorder in liver cirrhosis and its correlation with risk factors of diabetes mellitus: a hospital-based cross sectional observational study from New Delhi	Not oral cavity cancer
114.	Alteration of the risk of pre-oral cancer and cancer in North Indian population by NAT1 and NAT2 polymorphisms genotypes and haplotypes	Genetic studies
115.	Risk factors and costs of oral cancer in a tertiary care hospital in Delhi	Not oral cavity cancer
116.	Risk factors for angiographically proven coronary artery disease in women in India	Not oral cavity cancer
117.	Cultural and dietary risk factors of oral cancer and precancer—a brief overview	Review article
118.	Incidence and predictive risk factors for ophthalmological complications in children with nephrotic syndrome receiving long-term oral corticosteroids: a cohort study	Not oral cavity cancer
119.	Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetic Study (SN-DREAMS III): study design and research methodology	Not oral cavity cancer
120.	Early weight trends after congenital heart surgery and their determinants	Not oral cavity cancer
121.	Factors associated with dental caries in a group of American Indian children at age 36 months	Not oral cavity cancer
122.	Associations among glutathione S-transferase T1, M1, and P1 polymorphisms and the risk of oral leukoplakia	Not oral cavity cancer
123.	Polymorphisms in tobacco metabolism and DNA repair genes modulate oral precancer and cancer risk	Not oral cavity cancer
124.	Socioeconomic inequalities in dental caries and their determinants in adolescents in New Delhi, India	Not oral cavity cancer
125.	Prevalence and risk factors for diabetic retinopathy in the multiethnic population of Mauritius	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
126.	Work stress and oral health-related quality of life among Indian information technology workers: an exploratory study	Not oral cavity cancer
127.	Risk factors for moderate acute malnutrition among children with acute diarrhoea in India and Tanzania: a secondary analysis of data from a randomized trial	Not oral cavity cancer
128.	Prevalence and risk factors of gestational diabetes in Punjab, North India: results from a population screening program	Not oral cavity cancer
129.	Analysis of various risk factors affecting potentially malignant disorders and oral cancer patients of Central India	No relevant information
130.	Risk factors for cervical dysplasia in Kerala, India	Not oral cavity cancer
131.	Demographical and epidemiological contribution to cancer incidence in Delhi and its trends from 1991-2015	Not oral cavity cancer
132.	Risk profiles and one-year outcomes of patients with newly diagnosed atrial fibrillation in India: Insights from the GARFIELD-AF Registry	Not oral cavity cancer
133.	Genetic variation in MicroRNAs and risk of oral squamous cell carcinoma in South Indian population	Genetic studies
134.	Parenting style and oral health practices in early childhood caries: a case-control study	Not oral cavity cancer
135.	Risk indicators for prevalence, extent and severity of periodontitis among rural Indian population aged 35-54 years	Not oral cavity cancer
136.	Association of -330 interleukin-2 gene polymorphism with oral cancer	Not oral cavity cancer
137.	Oral hygiene as a risk indicator of enamel and dentin caries	Not oral cavity cancer
138.	Health care auxiliaries in the detection and prevention of oral cancer	Not oral cavity cancer
139.	Relationship between BMI and adiposity among different ethnic groups in 2-year-old New Zealand children	Not oral cavity cancer
140.	Mucormycosis of the Mandible and Tongue: a Systematic Scoping Review	Not oral cavity cancer
141.	Prevalence & risk factors of pre-hypertension & hypertension in an affluent north Indian population	Not oral cavity cancer
142.	Is periodontitis independently associated with potentially malignant disorders of the oral cavity?	Not oral cavity cancer
143.	Roles of CYP1A1 and CYP2E1 gene polymorphisms in oral submucous fibrosis	Not oral cavity cancer
144.	Effect of internal migration on diabetes and metabolic abnormalities in India - the ICMR-INDIAB study	Not oral cavity cancer
145.	Risk factors in oral and oropharyngeal squamous cell carcinoma: a population-based case-control study in southern Sweden	Not in India
146.	Burden of oral cancer in Asia from 1990 to 2019: estimates from the Global Burden of Disease 2019 study	Systematic review
147.	Risk factors for oral diseases among workers with and without dental insurance in a national social security scheme in India	Not oral cavity cancer
148.	Single nucleotide polymorphisms in transcription factor genes associated with susceptibility to oral cancer	Genetic studies
149.	Body fat and cardiovascular risk factors in Indian men in three geographical locations	Not oral cavity cancer
150.	Risk modulation of oral pre cancer and cancer with polymorphisms in XPD and XPG genes in North Indian population	Review article
151.	Factors affecting oral cancer awareness in a high-risk population in India	Not oral cavity cancer
152.	Odds ratio of risk factors for oral submucous fibrosis in a case control model	Not oral cavity cancer
153.	Development of depression in patients with oral cavity cancer: a systematic review	Not oral cavity cancer
154.	Prevalence of oral premalignant lesions and its risk factors among the adult population in Udupi Taluk of Coastal Karnataka, India	Prevalence study
155.	Incidence rates for oral leukoplakia and lichen planus in a Japanese population	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
156.	The burden of cancers and their variations across the states of India: the Global Burden of Disease Study 1990-2016	Descriptive study
157.	Clinicomycological profile and risk factors for dermatophytosis at a teaching tertiary care centre in North India: a cross-sectional study	Not oral cavity cancer
158.	Risk predictors for adverse outcome in pediatric febrile neutropenia: single center experience from a low and middle-income country	Not oral cavity cancer
159.	Pharmacokinetics and pharmacogenetics of 13-cis retinoic acid in Indian high-risk neuroblastoma patients	Not oral cavity cancer
160.	Increased risk of oral cancer in relation to common Indian mitochondrial polymorphisms and autosomal GSTP1 locus	Not oral cavity cancer
161.	Association of interleukin-10 (A1082G) gene polymorphism with oral squamous cell carcinoma in North Indian population	Not oral cavity cancer
162.	Prevalences of diabetes and cardiovascular disease risk factors in Hindu Indian subcommunities in Tanzania	Not oral cavity cancer
163.	Prevalence of oral potentially malignant disorders (OPMD) in adults of Western Maharashtra, India: a cross-sectional study	Not oral cavity cancer
164.	Evaluation of systemic inflammatory and thrombotic markers of cardiovascular risk among young Indian oral tobacco users	Not oral cavity cancer
165.	Prevalence and predictors of risk factors for cardiovascular diseases among women aged 15-49 years across urban and rural India: findings from a nationwide survey	Not oral cavity cancer
166.	Prevalence of oral human papillomavirus infection among Indian HIV-positive men who have sex with men: a cross-sectional study	Not oral cavity cancer
167.	Functional genetic variants of TGF- $\beta$ 1 and risk of tobacco-related oral carcinoma in high-risk Asian Indians	Not oral cavity cancer
168.	Oral contraceptive use increases risk of inflammatory and coagulatory disorders in women with polycystic ovarian syndrome: an observational study	Not oral cavity cancer
169.	An insight into risk factors profile of oral cavity and oropharyngeal cancer patients attending two tertiary care hospitals in Jaipur, India	Descriptive study
170.	Reassessment of risk factors for oral cancer	Review article
171.	Genetic polymorphism of interleukin-10 (-A592C) among oral cancer with squamous cell carcinoma	Genetic studies
172.	Gestational diabetes mellitus in India	Not oral cavity cancer
173.	Prevalence and predictors of gestational diabetes mellitus in rural Assam: a cross-sectional study using mobile medical units	Not oral cavity cancer
174.	Anthropometric characterization of impaired fetal growth: risk factors for and prognosis of newborns with stunting or wasting	Not oral cavity cancer
175.	Visceral leishmaniasis prevalence and associated risk factors in the Saran district of Bihar, India, from 2009 to July of 2011	Not oral cavity cancer
176.	Alcohol, tobacco and paan use and understanding of oral cancer risk among Asian males in Leicester	Not in India
177.	Oral cavity cancer risk in relation to tobacco chewing and bidi smoking among men in Karunagappally, Kerala, India: Karunagappally cohort study	No relevant information
178.	Maternal telomere length and risk of Down syndrome: epidemiological impact of smokeless chewing tobacco and oral contraceptive on segregation of chromosome 21	Not oral cavity cancer
179.	Impact of incarceration on nutritional status and oral health among male inmates of central jail of Jaipur city, India	Not oral cavity cancer
180.	Geographic differences in the associations between impaired glucose regulation and cardiovascular risk factors among young adults	Not oral cavity cancer
181.	Differential impact of socioeconomic position across life on oral cancer risk in Kerala, India: an investigation of life-course models under a time-varying framework	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
182.	Prevalence and evaluation of environmental risk factors associated with cleft lip and palate in a central Indian population	Not oral cavity cancer
183.	Detection of human papilloma virus and risk factors among patients with head and neck squamous cell carcinoma attending a tertiary referral centre in South India	Not oral cavity cancer
184.	Tumor budding and worse pattern of invasion can predict nodal metastasis in oral cancers and associated with poor survival in early-stage tumors	Not oral cavity cancer
185.	Alterations in XRCC1 gene profile in pathogenesis of oral cavity cancer: A population-based study from Kamrup urban district of Assam, India	Not oral cavity cancer
186.	Tobacco habits and oral health status in selected Indian population	Descriptive study
187.	Epidemiological profile of head and neck cancer patients in Western Uttar Pradesh and analysis of distributions of risk factors in relation to site of tumor	Descriptive study
188.	Prevalence and predictors of early childhood caries in 3- to 6-year-old South Indian children – a cross-sectional descriptive study	Not oral cavity cancer
189.	Exploring patient satisfaction levels, self-rated oral health status and associated variables among citizens covered for dental insurance through a National Social Security Scheme in India	Not oral cavity cancer
190.	Stevens-Johnson syndrome in India - risk factors, ocular manifestations and management	Not oral cavity cancer
191.	Functional genetic variants of CTLA-4 and risk of tobacco-related oral carcinoma in high-risk North Indian population	Genetic studies
192.	Multimorbidity patterns among rural adults with Type-2 diabetes mellitus: a cross-sectional study in Kerala, India	Not oral cavity cancer
193.	ABO blood grouping: a potential risk factor for early childhood caries - a cross-sectional study	Not oral cavity cancer
194.	Periodontitis as a risk factor for cerebrovascular accident: a case-control study in the Indian population	Not oral cavity cancer
195.	Validation of the Brandwein Gensler Risk Model in patients of oral cavity squamous cell carcinoma in North India	Not oral cavity cancer
196.	A novel mobile health approach to early diagnosis of oral cancer	Review article
197.	Polymorphisms of glutathione-S-transferase genes and the risk of aerodigestive tract cancers in the Northeast Indian population	Genetic studies
198.	Factors associated with acute postpartum hemorrhage in low-risk women delivering in rural India	Not oral cavity cancer
199.	Prevalence of most commonly reported tobacco-associated lesions in central Gujarat: a hospital-based cross-sectional study	Descriptive study
200.	Multi-ethnic variations in the practice of oral cancer risk habits in a developing country	Not oral cavity cancer
201.	[Hepatitis as a travel disease]	Not oral cavity cancer
202.	Oral mucosal lesions' propensity as an outcome eventuated by exhaled carbon monoxide (CO) levels and nicotine dependency	Different outcome
203.	Risk stratification of women with gestational diabetes mellitus using mutually exclusive categories based on the International Association of Diabetes and Pregnancy Study Groups criteria for the development of postpartum dysglycaemia: a retrospective cohort study	Different outcome
204.	Socioeconomic status, lifestyle factors and oral premalignant lesions	Descriptive study
205.	Demographic risk factors, affected anatomical sites and clinicopathological profile for oral squamous cell carcinoma in a north Indian population	Descriptive study
206.	Left ventricular myocardial mass index and its correlates as an early marker of cardiovascular risk among nonobese normotensive Indian women with polycystic ovary syndrome: lessons from a cross-sectional study	Not oral cavity cancer
207.	Dental clinic: potential source of high-risk screening for prediabetes and type 2 diabetes	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
208.	Common risk factors and edentulism in adults, aged 50 years and over, in China, Ghana, India and South Africa: results from the WHO Study on global AGEing and adult health (SAGE)	Not oral cavity cancer
209.	The incidence trends of oral cancers worldwide from 1988 to 2012 and the prediction up to 2030	Prevalence study
210.	Prevalence of oral pre-malignant lesions and its risk factors in an Indian subcontinent low income migrant group in Qatar	Descriptive study
211.	Clinical profile and risk factors for oral candidiasis in sick newborns	Not oral cavity cancer
212.	Calculation of population attributable risk for bidi smoking and oral cancer in south Asia	Systematic review
213.	Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: the CARRS study	Not oral cavity cancer
214.	Clustering of risk indicators for periodontal disease: a population-based study	Not oral cavity cancer
215.	Global burden of disease due to smokeless tobacco consumption in adults: an updated analysis of data from 127 countries	Not oral cavity cancer
216.	Childhood acute myeloid leukemia: an Indian perspective	Not oral cavity cancer
217.	Dental neglect and adverse birth outcomes: a validation and observational study	Not oral cavity cancer
218.	Cancer mortality in India: a nationally representative survey	Not oral cavity cancer
219.	Indigenous medicine use for sex selection during pregnancy and risk of congenital malformations: a population-based case-control study in Haryana, India	Not oral cavity cancer
220.	Factors determining anti-poliovirus type 3 antibodies among orally immunised Indian infants	Not oral cavity cancer
221.	Prescription-based cost analysis of medicines for cardiovascular risk factors at Indian Council of Medical Research-Rational Use of Medicine Centre Hospitals of India	Not oral cavity cancer
222.	Helicobacter pylori and oral cancer: possible association in a preliminary case control study	No relevant information
223.	Risk factors for diabetic retinopathy in a South Indian Type 2 diabetic population – the Chennai Urban Rural Epidemiology Study (CURES) Eye Study 4	Not oral cavity cancer
224.	Maternal and paternal contribution to intergenerational psychosocial transmission of paan chewing	Not oral cavity cancer
225.	Feeding habits and oral hygiene practices as determinants of early childhood caries in 3- to 5-year-old children of Belgaum City, India	Not oral cavity cancer
226.	Anthropometric cut points for identification of cardiometabolic risk factors in an urban Asian Indian population	Not oral cavity cancer
227.	Alcohol drinking, body mass index and the risk of oral leukoplakia in an Indian population	Not oral cavity cancer
228.	Risk factors, clinical profile, and long-term outcome of 428 patients of cerebral sinus venous thrombosis: insights from Nizam's Institute Venous Stroke Registry, Hyderabad (India)	Not oral cavity cancer
229.	Nifedipine for the treatment of high altitude pulmonary edema	Not oral cavity cancer
230.	Influence of metabolic-linked early life factors on the eruption timing of the first primary tooth	Not oral cavity cancer
231.	Risk factors for fatal diarrhea in hospitalized children in India	Not oral cavity cancer
232.	Clinical profile and outcome in snake envenomation in the Maval region of Western Maharashtra: a rural tertiary health-care hospital experience	Not oral cavity cancer
233.	Association of poly (ADP-ribose) polymerase 1 variants with oral squamous cell carcinoma susceptibility in a South Indian population	Not oral cavity cancer
234.	Steroid-induced diabetes mellitus in systemic lupus erythematosus patients: analysis from a Malaysian multi-ethnic lupus cohort	Not oral cavity cancer

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## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
235.	Serum 25-hydroxyvitamin D and glycated haemoglobin levels in women with gestational diabetes mellitus	Not oral cavity cancer
236.	Genetic variants in nicotine addiction and alcohol metabolism genes, oral cancer risk and the propensity to smoke and drink alcohol: a replication study in India	Not oral cavity cancer
237.	Study of prevalence of undiagnosed diabetes mellitus in patients presenting with acute coronary syndrome	Not oral cavity cancer
238.	Random capillary blood sugar and coronary risk factors in a south Kerala population	Not oral cavity cancer
239.	A cross-sectional study to assess diabetes as a risk factor for root caries amongst the elderly population in Udupi District, Karnataka State, India	Not oral cavity cancer
240.	Prevalence of gallstone disease in patients with type 2 diabetes and the risk factors in North Indian population: a case control study	Not oral cavity cancer
241.	Effect of methylxanthines (coffee/tea consumers) on oral precancer and oral cancer patients with smoking and smokeless tobacco habits	Not oral cavity cancer
242.	Retrospective study on risk habits among oral cancer patients in Karnataka Cancer Therapy and Research Institute, Hubli, India	Descriptive study
243.	Epidemiology of type 2 diabetes mellitus and treatment utilization patterns among the elderly from the first wave of longitudinal aging study in India (2017-18) using a Heckman selection model	Not oral cavity cancer
244.	Periodontal disease as a risk factor for acute myocardial infarction. A case-control study in Goans highlighting a review of the literature	Not oral cavity cancer
245.	Nonlinear association between betel quid chewing and oral cancer: Implications for prevention	Not in India
246.	Cancer mortality in Indian and British ethnic immigrants from the Indian subcontinent to England and Wales	Not oral cavity cancer
247.	Nasopharyngeal and hypopharyngeal carcinoma risk among immigrants in Sweden	Not oral cavity cancer
248.	Risk factors for traumatic dental injuries in an adolescent male population in India	Not oral cavity cancer
249.	Non-invasive screening of diabetes risk by assessing abnormalities of sudomotor function	Not oral cavity cancer
250.	Association of interleukin-1 <sup>2</sup> -511 C/T polymorphism with tobacco-associated cancer in northeast India: a study on oral and gastric cancer	Genetic studies
251.	A survey for prevalence of coronary artery disease and its risk factors in an urban population in Andhra Pradesh	Not oral cavity cancer
252.	Investigation on the role of p53 codon 72 polymorphism and interactions with tobacco, betel quid, and alcohol in susceptibility to cancers in a high-risk population from North East India	Not oral cavity cancer
253.	Occupation and cancers of the lung and bladder: a case-control study in Bombay	Not oral cavity cancer
254.	Hypofolatemia as a risk factor for head and neck cancer	Not oral cavity cancer
255.	Comparative analysis of mouth self-examination awareness amongst tobacco users in urban and rural populations	Not oral cavity cancer
256.	Risk of anaphylaxis in a hospital population in relation to the use of various drugs: an international study	Not oral cavity cancer
257.	Prevalence of dental caries and periodontal diseases, and their association with socio-demographic risk factors among older persons in Delhi, India: a community-based study	Not oral cavity cancer
258.	Caries risk profile of 12 year old school children in an Indian city using Cariogram	Not oral cavity cancer
259.	Oral health-related quality of life and nutritional status of institutionalized elderly population aged 60 years and above in Mysore City, India	Not oral cavity cancer
260.	Characteristics of oral tongue and base of the tongue cancer: a hospital cancer registry based analysis	Descriptive study
261.	Association of XRCC1, XRCC3, and NAT2 polymorphisms with the risk of oral submucous fibrosis among eastern Indian population	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
262.	Matrix metalloproteinases-3 gene-promoter polymorphism as a risk factor in oral submucous fibrosis in an Indian population: a pilot study	Not oral cavity cancer
263.	Appropriate values of adiposity and lean body mass indices to detect cardiovascular risk factors in Asian Indians	Not oral cavity cancer
264.	Knowledge, attitudes and practices of South Asian immigrants in developed countries regarding oral cancer: an integrative review	Descriptive study
265.	District-level epidemiology and sociodemographic determinants of noncommunicable diseases - results the National Family Health Survey -5 (2019-21)	Not oral cavity cancer
266.	Knowledge, attitude and screening practices of general dentists concerning oral cancer in Bangalore city	Not oral cavity cancer
267.	Damage in the Multiethnic Malaysian Systemic Lupus Erythematosus (SLE) Cohort: Comparison with Other Cohorts Worldwide	Not oral cavity cancer
268.	Demand-side determinants of timely vaccination of oral polio vaccine in social mobilization network areas of CORE Group polio project in Uttar Pradesh, India	Not oral cavity cancer
269.	Retrospective case-control study of correlation between MTHFR gene and OSCC risk in North India	Not oral cavity cancer
270.	Prevalence of Candida species and potential risk factors for vulvovaginal candidiasis in Aligarh, India	Not oral cavity cancer
271.	Oral cancer among patients under the age of 35 years	Descriptive study
272.	Association between reproductive factors and breast cancer in an urban set up at central India: a case-control study	Not oral cavity cancer
273.	Incidence of intestinal & extra-intestinal cancers among individuals with Crohn's disease in northern India	Not oral cavity cancer
274.	Trends and ethnic disparities in oral and oro-pharyngeal cancers in South Africa, 1992-2001	Not oral cavity cancer
275.	Abnormal glycemic profiles by CGMS in obese first-degree relatives of type 2 diabetes mellitus patients	Not oral cavity cancer
276.	Association of CYP1A1, GSTM1, and GSTT1 gene polymorphism with risk of oral submucous fibrosis in a section of North Indian population	Not oral cavity cancer
277.	Poliomyelitis outbreaks in Angola genetically linked to India: risk factors and implications for prevention of outbreaks due to wild poliovirus importations	Not oral cavity cancer
278.	Application of the Milan system for risk stratification and its comparison with a previous reporting system of parotid gland cytopathology in a tertiary care centre	Not oral cavity cancer
279.	A cross-sectional study to assess the prevalence of early childhood caries and associated risk factors in preschool children in district Mandi, Himachal Pradesh	Not oral cavity cancer
280.	Correlation of betel quid with oral cancer from 1998 to 2017: a study based on bibliometric analysis	Systematic review
281.	Improving utility of data on cancer mortality risk associated with smokeless tobacco: recommendations for future research	Not oral cavity cancer
282.	Association of TNF- $\hat{1}$ $\pm$ (-238 and -308) promoter polymorphisms with susceptibility of oral squamous cell carcinoma in North Indian population	Genetic studies
283.	Male prisoner tobacco use and oral cancer knowledge: a case study of a local prison in India	Not oral cavity cancer
284.	Prevalence of glucose intolerance among children and adolescents in urban South India (ORANGE-2)	Not oral cavity cancer
285.	Role of GSTM1 and GSTT1 polymorphism: susceptibility to oral submucous fibrosis in the North Indian population	Not oral cavity cancer
286.	An overview of the risk factors associated with multiple oral premalignant lesions with a case report of extensive field cancerization in a female patient	Descriptive study
287.	Risk factors for haemorrhagic stroke: a case-control study	Not oral cavity cancer
288.	Clinical and microbiological profile of microsporidial keratoconjunctivitis in southern India	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
289.	Glucose tolerance status of Asian Indian women with gestational diabetes at 6weeks to 1year postpartum (WINGS-7)	Not oral cavity cancer
290.	Epidemiological study of risk factors for oral, laryngeal and esophageal cancers at a tertiary care hospital in India	Descriptive study
291.	Oral lesions of 500 habitual psychoactive substance users in Chennai, India	Not oral cavity cancer
292.	Coronary artery disease in premenopausal Indian women: risk factors and angiographic profile	Not oral cavity cancer
293.	Prevalence of mesiodens among six- to seventeen-year-old school going children of Indore	Not oral cavity cancer
294.	Profiling of chromosomal changes in potentially malignant and malignant oral mucosal lesions from South and South-East Asia using array-comparative genomic hybridization	Not oral cavity cancer
295.	Impacted mandibular third molars and their influence on mandibular angle and condyle fractures—a retrospective study	Not oral cavity cancer
296.	Risk factors for acute myocardial infarction in Indians: a case-control study	Not oral cavity cancer
297.	Predictors of multiple tooth loss among socioculturally diverse elderly subjects	Not oral cavity cancer
298.	Resveratrol supplementation improves glycemic control in type 2 diabetes mellitus	Not oral cavity cancer
299.	Foreign Body injuries in children in India: Recommendations for prevention from a comparative analysis with international experience	Not oral cavity cancer
300.	Prevalence and risk factors of peripheral vascular disease in a selected South Indian population: the Chennai Urban Population Study	Not oral cavity cancer
301.	The effects of empagliflozin on cardiometabolic risk factors in patients with type 2 diabetes: A short-term observational study	Not oral cavity cancer
302.	Parental history of type 2 diabetes mellitus, metabolic syndrome, and cardiometabolic risk factors in Asian Indian adolescents	Not oral cavity cancer
303.	Dietary carbohydrates, glycaemic load, food groups and newly detected type 2 diabetes among urban Asian Indian population in Chennai, India (Chennai Urban Rural Epidemiology Study 59)	Not oral cavity cancer
304.	Non-insulin-dependent diabetes and 11-year mortality in Asian Indian and Melanesian Fijians	Not oral cavity cancer
305.	Correlation of habits and clinical findings with histopathological diagnosis in oral submucosal fibrosis patients	Not oral cavity cancer
306.	A study on oncogenic role of leptin and leptin receptor in oral squamous cell	Not oral cavity cancer
307.	Comparison of clinical periodontal status among habitual smokeless-tobacco users and cigarette smokers	Not oral cavity cancer
308.	Oral cancer in Australia – risk factors and disease distribution	Not in India
309.	Prevalence and significance of generalized and central body obesity in an urban Asian Indian population in Chennai, India (CURES: 47)	Not oral cavity cancer
310.	Chewing tobacco may act as a risk factor for dysplastic transformation of squamous cells in oral leukoplakia - a cytochemistry based approach	Not oral cavity cancer
311.	Abdominal obesity and physical inactivity as risk factors for NIDDM and impaired glucose tolerance in Indian, Creole, and Chinese Mauritians	Not oral cavity cancer
312.	Glutathione S-transferase M3 (A/A) genotype as a risk factor for oral cancer and leukoplakia among Indian tobacco smokers	Not oral cavity cancer
313.	Cytokeratin immunoexpression in esophageal squamous cell carcinoma of high-risk population in Northeast India	Not oral cavity cancer
314.	Oral leukoplakia: clinicopathological correlation and its relevance to regional tobacco-related habit index	Not oral cavity cancer
315.	Coexpression of p53 and Ki 67 and lack of c-erbB2 expression in oral leukoplakias in India	Not oral cavity cancer
316.	A cross-sectional study of clinical spectrum and outcome of pure midbrain strokes	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
317.	Social class, coronary risk factors and undernutrition, a double burden of diseases, in women during transition, in five Indian cities	Not oral cavity cancer
318.	Socio-demographic patterning of the individual-level double burden of malnutrition in a rural population in South India: a cross-sectional study	Not oral cavity cancer
319.	Gene expression in human oral squamous cell carcinoma is influenced by risk factor exposure	Genetic studies
320.	Assessment of maternal risk indicators for the development of caries in their children: a comparative, cross-sectional study	Not oral cavity cancer
321.	Gallstone disease in Peruvian coastal natives and highland migrants	Not oral cavity cancer
322.	Variations in cause and management of atrial fibrillation in a prospective registry of 15,400 emergency department patients in 46 countries: the RE-LY Atrial Fibrillation Registry	Not oral cavity cancer
323.	Oral health-related quality of life among elderly patients visiting special clinics in public hospitals in Delhi, India: a cross-sectional study	Not oral cavity cancer
324.	The lens opacities case-control study. risk factors for cataract	Not oral cavity cancer
325.	Real-world evidence of glycemic control among patients with type 2 diabetes mellitus in India: the TIGHT study	Not oral cavity cancer
326.	Integration of oral health in primary health care through motivational interviewing for mothers of young children: a pilot study	Not oral cavity cancer
327.	Increased prevalence of self-reported fractures in Asian Indians with diabetes: Results from the ICMR-INDIAB population based cross-sectional study	Not oral cavity cancer
328.	Determinants of caries prevalence and severity in higher SES Indian children	Not oral cavity cancer
329.	Knowledge regarding oral anticoagulation therapy among patients with stroke and those at high risk of thromboembolic events	Not oral cavity cancer
330.	Differential expression and activation of NF-kappaB family proteins during oral carcinogenesis: role of high risk human papillomavirus infection	Not oral cavity cancer
331.	Effects of isolated post-challenge hyperglycemia on mortality in American Indians: the Strong Heart Study	Not oral cavity cancer
332.	Maternal adiposity and blood pressure in pregnancy: varying relations by ethnicity and gestational diabetes	Not oral cavity cancer
333.	Efficacy of zinc in reducing hyperbilirubinemia among at-risk neonates: a randomized, double-blind, placebo-controlled trial	Not oral cavity cancer
334.	Effect of anti-inflammatory (IL-4, IL-10) cytokine genes in relation to risk of cervical carcinoma	Not oral cavity cancer
335.	Betel quid without tobacco as a risk factor for oral precancers	Not oral cavity cancer
336.	Rationale and design for the CARDIOVIT Study (Cardiovit, Atherosclerotic vascular disease and hyperhomocysteinemia: an epiDemiological study in Indians, additionally evaluating the effect of Oral VITamin supplementation)	Not oral cavity cancer
337.	Is there an association between oral submucous fibrosis and ABO blood grouping?	Not oral cavity cancer
338.	A Bayesian approach to investigate life course hypotheses involving continuous exposures	Not oral cavity cancer
339.	Psychological Insulin Resistance in Patients with Type 2 Diabetes	Not oral cavity cancer
340.	Oral cancers in Mumbai, India: a fifteen years perspective with respect to incidence trend and cumulative risk	Descriptive study
341.	Effects of interleukin-18 promoter (C607A and G137C) gene polymorphisms and their association with oral squamous cell carcinoma (OSCC) in northern India	Not oral cavity cancer
342.	Risk factors for breast cancer among women in Bhopal urban agglomerate: a case-control study	Not oral cavity cancer
343.	Glutathione S-transferase M1 and T1 null genotypes as risk factors for oral leukoplakia in ethnic Indian betel quid/tobacco chewers	Not oral cavity cancer
344.	Epidemiology of Down syndrome: new insight into the multidimensional interactions among genetic and environmental risk factors in the oocyte	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
345.	Association of DFNA5, SYK, and NELL1 variants along with HPV infection in oral cancer among the prolonged tobacco-chewers	Not oral cavity cancer
346.	Sputum conversion at the end of intensive phase of Category-1 regimen in the treatment of pulmonary tuberculosis patients with diabetes mellitus or HIV infection: An analysis of risk factors	Not oral cavity cancer
347.	A multifaceted intervention to improve treatment with oral anticoagulants in atrial fibrillation (IMPACT-AF): an international, cluster-randomised trial	Not oral cavity cancer
348.	Homeostasis model assessment in a population with mixed ethnicity: the 1992 Singapore National Health Survey	Not oral cavity cancer
349.	Association between maternal exposure to tobacco, presence of TGFA gene, and the occurrence of oral clefts. A case control study	Not oral cavity cancer
350.	Screening for type 2 diabetes in a multiethnic setting using known risk factors to identify those at high risk: a cross-sectional study	Not oral cavity cancer
351.	Plasma glucose and prediction of microvascular disease and mortality: evaluation of 1997 American Diabetes Association and 1999 World Health Organization criteria for diagnosis of diabetes	Not oral cavity cancer
352.	Transgender HIV status, self-perceived dental care barriers, and residents' stigma, willingness to treat them in a community dental outreach program: cross-sectional study	Not oral cavity cancer
353.	The prevalence of oral mucosal lesions in alcohol misusers in Chennai, south India	Prevalence study
354.	Mediators of Atherosclerosis in South Asians Living in America (MASALA) study: objectives, methods, and cohort description	Not oral cavity cancer
355.	Genetic polymorphism of Fcγ <sub>3</sub> -receptors IIa, IIIa and IIIb in South Indian patients with generalized aggressive periodontitis	Not oral cavity cancer
356.	Effect of screening on oral cancer mortality in Kerala, India: a cluster-randomised controlled trial	Experimental study
357.	The prevalence of traumatic dental injuries to permanent anterior teeth and its relation with predisposing risk factors among 8-13 years school children of Vadodara city: an epidemiological study	Not oral cavity cancer
358.	Cutoff values for normal anthropometric variables in Asian Indian adults	Not oral cavity cancer
359.	Higher glucose, insulin and insulin resistance (HOMA-IR) in childhood predict adverse cardiovascular risk in early adulthood: the Pune Children's Study	Not oral cavity cancer
360.	Cost-effectiveness of a lifestyle intervention in high-risk individuals for diabetes in a low- and middle-income setting: trial-based analysis of the Kerala Diabetes Prevention Program	Not oral cavity cancer
361.	Loss of DLC1 is an independent prognostic factor in patients with oral squamous cell carcinoma	Not oral cavity cancer
362.	Areca nut use following migration and its consequences	Not oral cavity cancer
363.	Early stage oral tongue cancer among non-tobacco users – an increasing trend observed in a South Indian patient population presenting at a single centre	No relevant information
364.	Hereditary thrombophilia as a cause of Budd-Chiari syndrome: a study from Western India	Not oral cavity cancer
365.	Computed tomography-determined body composition in relation to cardiovascular risk factors in Indian and matched Swedish males	Not oral cavity cancer
366.	Association of oral iron supplementation with birth outcomes in non-anaemic South Indian pregnant women	Not oral cavity cancer
367.	Knowledge about oral cancer in adults attending a Dental Hospital in India	Knowledge studies
368.	Prevalence of sleep abnormalities and their association with metabolic syndrome among Asian Indians: Chennai Urban Rural Epidemiology Study (CURES-67)	Not oral cavity cancer
369.	Risk factors for development of dehydration in young children with acute watery diarrhoea: a case-control study	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
370.	Occurrence of domestic violence among women and its impact on oral health in Jodhpur City	Not oral cavity cancer
371.	Diabetes mellitus abolishes ethnic differences in cardiovascular risk factors: lessons from a multi-ethnic population	Not oral cavity cancer
372.	Nasal carriage and antimicrobial susceptibility of <i>Staphylococcus aureus</i> in healthy preschool children in Ujjain, India	Not oral cavity cancer
373.	Cancer detection rates in a population-based, opportunistic screening model, New Delhi, India	Not oral cavity cancer
374.	Is hyperinsulinaemia a central characteristic of a chronic cardiovascular risk factor clustering syndrome? Mixed findings in Asian Indian, Creole and Chinese Mauritians. Mauritius Noncommunicable Disease Study Group	Not oral cavity cancer
375.	Fungal endophthalmitis: fourteen years' experience from a center in India	Not oral cavity cancer
376.	Assessing the oral cancer risk of South-Asian immigrants in New York City	Not oral cavity cancer
377.	Neoplasia/dysplasia surveillance of oral lichen planus in Malaysia: a preliminary study using topography maps	Not oral cavity cancer
378.	Predictors of the plasma ratio of 2-hydroxyestrone to 16 $\alpha$ -hydroxyestrone among pre-menopausal, nulliparous women from four ethnic groups	Not oral cavity cancer
379.	Polymorphism at GSTM1, GSTM3 and GSTT1 gene loci and susceptibility to oral cancer in an Indian population	Not oral cavity cancer
380.	Predictors of tobacco and alcohol consumption and their relevance to oral cancer control amongst people from minority ethnic communities in the South Thames health region, England	Not in India
381.	Effect of lysyl oxidase G473 A polymorphism on lysyl oxidase and total soluble collagen expression in oral submucous fibrosis	Not oral cavity cancer
382.	Cancer registration in Madras Metropolitan Tumour Registry, India	Prevalence study
383.	Effect of maternal perceived stress during pregnancy on gestational diabetes mellitus risk: a prospective case-control study	Not oral cavity cancer
384.	Infant feeding patterns and risks of death and hospitalization in the first half of infancy: multicentre cohort study	Not oral cavity cancer
385.	A risk scoring system for prediction of haemorrhagic stroke	Not oral cavity cancer
386.	Cancer patterns of lung, oropharynx and oral cavity cancer in relation to gas exposure at Bhopal	Descriptive study
387.	Prevalence of chronic viral hepatitis in people of South Asian ethnicity living in England: the prevalence cannot necessarily be predicted from the prevalence in the country of origin	Not oral cavity cancer
388.	Risk prediction models for the development of diabetes in Mauritian Indians	Not oral cavity cancer
389.	Predictors of mortality in children admitted to the pediatric intensive care unit with acute gastroenteritis with severe dehydration	Not oral cavity cancer
390.	Conversion of gestational diabetes mellitus to future Type 2 diabetes mellitus and the predictive value of HbA(1c) in an Indian cohort	Not oral cavity cancer
391.	The epidemiology of AIDS in the Vellore region, southern India	Not oral cavity cancer
392.	Primary prevention trial of oral cancer in India: a 10-year follow-up study	No relevant information
393.	The impact of a community-based health education programme on oral cancer risk factor awareness among a Gujarati community	Knowledge studies
394.	Failure to initiate early insulin therapy - a risk factor for diabetic retinopathy in insulin users with Type 2 diabetes mellitus: Sankara Nethralaya-Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SN-DREAMS, Report number 35)	Not oral cavity cancer
395.	Relationship between periodontal disease, <i>Porphyromonas gingivalis</i> , peripheral vascular resistance markers and coronary artery disease in Asian Indians	Not oral cavity cancer
396.	Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study	Not oral cavity cancer

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**Supplementary Material S2** (Continued)

Sl. no.	Title of the paper	Reason for exclusion
397.	Evaluation of mouth self-examination in the control of oral cancer	Not oral cavity cancer
398.	Prevalence and severity of dental caries among American Indians and Alaska Natives	Not oral cavity cancer
399.	Stroke in young adults: a study from a university hospital in north India	Not oral cavity cancer
400.	Protocol for CARES-HAPIN: an ambidirectional cohort study on exposure to environmental tobacco smoke and risk of early childhood caries	Not oral cavity cancer
401.	MTHFR 677 CT/MTHFR 1298 CC genotypes are associated with increased risk of hypertension in Indians	Not oral cavity cancer
402.	Parental stress as a predictor of early childhood caries among preschool children in India	Not oral cavity cancer
403.	Diabetes and impaired glucose tolerance in three American Indian populations aged 45-74 years. The Strong Heart Study	Not oral cavity cancer
404.	Prevalence of developmental defects of enamel in children and adolescents with asthma: a cross-sectional study	Not oral cavity cancer
405.	Association of genetic polymorphism of the DNA base excision repair gene (APE-1 Asp/148 Glu) and HPV type (16/18) with the risk of cervix cancer in north Indian population	Not oral cavity cancer
406.	Cancer incidence in Asian migrants to New South Wales, Australia	Not in India
407.	Awareness about oral cancer among dental postgraduate students in the State of Andhra Pradesh, India	Knowledge studies
408.	Do Human Papilloma Viruses Play Any Role in Oral Squamous Cell Carcinoma in North Indians?	Descriptive study
409.	Impact of impacted mandibular third molars in mandibular angle and condylar fractures	Not oral cavity cancer
410.	Clinically directed selective screening for HIV infection in hospitalized children	Not oral cavity cancer
411.	Comparative epidemiology of oral cancer in Brazil and India	Not oral cavity cancer
412.	Impact of genetic ancestry and sociodemographic status on the clinical expression of systemic lupus erythematosus in American Indian-European populations	Not oral cavity cancer
413.	Adverse effects of diabetes on multiple cardiovascular disease risk factors in women. The Strong Heart Study	Not oral cavity cancer
414.	Cross sectional survey on association between alcohol, betel- nut, cigarette consumption and health promoting behavior of industrial workers in Ghaziabad	descriptive study
415.	High prevalence of dental fluorosis among adolescents is a growing concern: a school based cross-sectional study from Southern India	Not oral cavity cancer
416.	Dietary patterns in stroke patients in Northwest India	Not oral cavity cancer
417.	Risk factors for development of dehydration in children aged under five who have acute watery diarrhoea: a case-control study	Not oral cavity cancer
418.	Candida colonization in preterm babies admitted to neonatal intensive care unit in the rural setting	Not oral cavity cancer
419.	An epidemic of poliomyelitis in southern Kerala	Not oral cavity cancer
420.	Dentition Status and Treatment Needs among Women involved in Sex Work as a Profession in the Red Light District of Pune, Maharashtra, India: A Cross-sectional Study	Not oral cavity cancer
421.	An acute flaccid paralysis surveillance-based serosurvey of poliovirus antibodies in Western Uttar Pradesh, India	Not oral cavity cancer
422.	Tobacco chewing, oral submucous fibrosis, and anaesthetic risk	Not oral cavity cancer
423.	Sexual behaviour and HIV infection risks in Indian homosexual men: a cross-cultural comparison	Not oral cavity cancer
424.	Diabetes Health, Residence & Metabolism in Asians: the DHRMA study, research into foods from the Indian subcontinent - a blinded, randomised, placebo controlled trial	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
425.	Nationwide Canadian study of hepatitis A antibody prevalence among children eight to thirteen years old	Not oral cavity cancer
426.	Suburbanisation of oral cavity cancers: evidence from a geographically-explicit observational study of incidence trends in British Columbia, Canada, 1981-2010	Not oral cavity cancer
427.	Relationships of maternal and paternal birthweights to features of the metabolic syndrome in adult offspring: an inter-generational study in South India	Not oral cavity cancer
428.	Insulin sensitivity as a risk factor for common carotid intima media thickness (IMT): its relation to atherosclerosis	Not oral cavity cancer
429.	High-sensitivity C-reactive protein (hs-CRP) levels and its relationship with components of polycystic ovary syndrome in Indian adolescent women with polycystic ovary syndrome (PCOS)	Not oral cavity cancer
430.	Lipid peroxidation, total antioxidant status, and total thiol levels predict overall survival in patients with oral squamous cell carcinoma	Not oral cavity cancer
431.	Apgar index as a probable risk indicator for enamel defects in primary dentition: a cross sectional study	Not oral cavity cancer
432.	Epidemiology of cancer of the cervix: global and national perspective	Not oral cavity cancer
433.	Clinical profile of atrial fibrillation and adherence to guidelines in adult patients in tertiary care centre in Central India - observational study	Not oral cavity cancer
434.	Melioidosis: an emerging infection in India	Not oral cavity cancer
435.	Impaired glucose tolerance and diabetes mellitus in Hindu Indian immigrants in Dar es Salaam	Not oral cavity cancer
436.	Prevalence of glucose intolerance at 6 weeks postpartum in Indian women with gestational diabetes mellitus	Not oral cavity cancer
437.	Locoregional recurrences after post-operative volumetric modulated arc radiotherapy (VMAT) in oral cavity cancers in a resource constrained setting: experience and lessons learned	Not oral cavity cancer
438.	Correlation of histopathological diagnosis with habits and clinical findings in oral submucous fibrosis	Not oral cavity cancer
439.	Cytological study of exfoliated buccal mucosa cells of tribes in Orissa State (India) with high risk for oral cancer	Not oral cavity cancer
440.	The areca nut chewing habit and oral squamous cell carcinoma in South African Indians. A retrospective study	Not in India
441.	Association of salivary triglycerides and cholesterol with dental caries in children with type 1 diabetes mellitus	Not oral cavity cancer
442.	Environmental factors predicting nephritis in systemic lupus erythematosus	Not oral cavity cancer
443.	Usefulness of dead shrimp specimens in studying the epidemiology of white spot syndrome virus (WSSV) and chronic bacterial infection	Not oral cavity cancer
444.	The cost-effectiveness of community-based screening for oral cancer in high-risk males in the United States: a Markov decision analysis approach	Not oral cavity cancer
445.	Mucormycosis in immunocompetent patients: a case-series of patients with maxillary sinus involvement and a critical review of the literature	Not oral cavity cancer
446.	Clinical, etiological, and imaging study of patients with cerebral sinus venous thrombosis in a tertiary care hospital	Not oral cavity cancer
447.	Venous thrombosis: prevalence of prothrombotic defects in North Indian population	Not oral cavity cancer
448.	Evolution of vision reducing cataract in skin smear positive lepromatous patients: does it have an inflammatory basis?	Not oral cavity cancer
449.	Alterations in expression of retinoid receptor beta and p53 in oral submucous fibrosis	Not oral cavity cancer
450.	Plasma lipoproteins and the incidence of abnormal excretion of albumin in diabetic American Indians: the Strong Heart Study	Not oral cavity cancer

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## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
451.	Increased risk of hepatitis E in sewage workers from India	Not oral cavity cancer
452.	Outbreak of poliomyelitis due to type 3 poliovirus, northern India, 1999-2000: injections a major contributing factor	Not oral cavity cancer
453.	Role of areca nut in the causation of oral submucous fibrosis: a case-control study in Pakistan	Not in India
454.	Prevalence of traumatic dental injuries and role of incisal overjet and inadequate lip coverage as risk factors among 4-15 years old government school children in Baddi-Barotiwalwa Area, Himachal Pradesh, India	Not oral cavity cancer
455.	Paralytic poliomyelitis in children under 6 years in Pondicherry: a community survey	Not oral cavity cancer
456.	Epidemiology of dental caries in Chandigarh school children and trends over the last 25 years	Not oral cavity cancer
457.	Association of raised liver transaminases with physical inactivity, increased waist-hip ratio, and other metabolic morbidities in severely obese children	Not oral cavity cancer
458.	Areca nut and tobacco chewing habits in Durban, KwaZulu Natal	Not oral cavity cancer
459.	Use of the Semmes-Weinstein monofilament in the strong heart study. Risk factors for clinical neuropathy	Not oral cavity cancer
460.	[Comparison of two routine screening strategies for gestational diabetes mellitus: the experience of Jean-Verdier Hospital]	Not oral cavity cancer
461.	Tobacco consumption in relation to causes of death in an urban population of north India	Not oral cavity cancer
462.	Baseline level of 30-min plasma glucose is an independent predictor of incident diabetes among Asian Indians: analysis of two diabetes prevention programmes	Not oral cavity cancer
463.	Utility of clinically-directed selective screening to diagnose HIV infection in hospitalized children in Bombay, India	Not oral cavity cancer
464.	[Oral and extraoral disease due to betel nut chewing]	Not oral cavity cancer
465.	Correlation of a [13C]glucose breath test with surrogate markers of insulin resistance in urban and rural Asian Indians	Not oral cavity cancer
466.	Minor oral surgery without stopping daily low-dose aspirin therapy: a study of 51 patients	Not oral cavity cancer
467.	A risk scoring system for prediction of coronary heart disease based on multivariate analysis: development and validation	Not oral cavity cancer
468.	Reverse smoking as a risk factor for palatal cancer: a cross-sectional study in rural Andhra Pradesh, India	descriptive study
469.	Chlamydia trachomatis in pelvic inflammatory disease	Not oral cavity cancer
470.	Asian Indians, coronary artery disease, and physical exercise	Not oral cavity cancer
471.	Prevalence of carbohydrate intolerance of varying degrees in pregnant females in western India (Maharashtra)—a hospital-based study	Not oral cavity cancer
472.	A prediction model for moderate or severe dehydration in children with diarrhoea	Not oral cavity cancer
473.	Early childhood caries lesions in preschool children in Kerala, India	Not oral cavity cancer
474.	Qualitative study of wild polio cases in high risk districts of Uttar Pradesh, India	Not oral cavity cancer
475.	Oral myiasis: a concealed threat to disabled children of developing countries	Not oral cavity cancer
476.	Transient impaired glucose tolerance in South African Indians does not carry a risk for progression to NIDDM	Not oral cavity cancer
477.	Relative contribution of caries and periodontal disease in adult tooth loss among patients reporting to the Institute of Dental Sciences, Belgaum, India	Not oral cavity cancer
478.	Profile of female patients undergoing coronary angiogram at a tertiary centre	Not oral cavity cancer
479.	History, magnitude and rationality of injection use—a compilation	Not oral cavity cancer
480.	Oral submucous fibrosis in India: a new epidemic?	Review article
481.	Prevalence of dental caries in nursery school children of Akola city	Not oral cavity cancer

## Supplementary Material S2 (Continued)

Sl. no.	Title of the paper	Reason for exclusion
482.	Clinical profile of acute myocardial infarction in women	Not oral cavity cancer
483.	Cutoffs of abdominal adipose tissue compartments as measured by magnetic resonance imaging for detection of cardiovascular risk factors in apparently healthy adult Asian Indians in North India	Not oral cavity cancer
484.	Toxic mechanisms of cadmium and exposure as a risk factor for oral and gastrointestinal carcinomas	Not oral cavity cancer
485.	Perspective on oral cancer screening: time for implementation research and beyond	Not oral cavity cancer
486.	Smokeless tobacco and oral potentially malignant disorders in South Asia: a protocol for a systematic review	Systematic review
487.	Identification of caries risk determinants in toddlers: results of the GUSTO Birth Cohort Study	Not oral cavity cancer
488.	Clinical determinants of diabetes progression in multiethnic Asians with type 2 diabetes - a 3-year prospective cohort study	Not oral cavity cancer
489.	Effect of lifestyle modification and metformin therapy on emerging cardiovascular risk factors in overweight Indian women with polycystic ovary syndrome	Not oral cavity cancer
490.	Oral and hand hygiene behaviour and risk factors among in-school adolescents in four Southeast Asian countries	Not oral cavity cancer
491.	Dental cavities in people with type 2 diabetes mellitus: an analysis of risk indicators	Not oral cavity cancer
492.	Combination treatment for visceral leishmaniasis patients coinfecting with human immunodeficiency virus in India	Not oral cavity cancer
493.	Detection of human papillomavirus 16-specific IgG and IgM antibodies in patient sera: a potential indicator of oral squamous cell carcinoma risk factor	Not oral cavity cancer
494.	Increased osteoprotegerin level is associated with impaired cardiovascular modulation in type-2 diabetic patients treated with oral antidiabetic drugs	Not oral cavity cancer
495.	Influence of feeding practices on dental caries. A case-control study	Not oral cavity cancer
496.	Coronary heart disease prevalence and its relation to risk factors in American Indians. The Strong Heart Study	Not oral cavity cancer
497.	[Heterosexual transmission of HIV infection]	Not oral cavity cancer
498.	Areca nut chewing in an expatriate population in Sydney: report of two cases	Not oral cavity cancer
499.	Gestational diabetes in Turkmenistan: implementation of a screening program and first results	Not oral cavity cancer
500.	An overview of paediatric leishmaniasis	Not oral cavity cancer
501.	Pemphigus vulgaris: environmental factors. Occupational, behavioral, medical, and qualitative food frequency questionnaire	Not oral cavity cancer
502.	Disparities in the risk of gestational diabetes by race-ethnicity and country of birth	Not oral cavity cancer
503.	Type 2 diabetes: identifying high risk Asian American subgroups in a clinical population	Not oral cavity cancer
504.	Travel destinations and sexual behavior as indicators of antibiotic resistant Shigella strains - Victoria, Australia	Not oral cavity cancer
505.	Incidence of diabetes mellitus in women following impaired glucose tolerance in pregnancy is lower than following impaired glucose tolerance in the non-pregnant state	Not oral cavity cancer
506.	Using the Caprini Risk Score to increase awareness of venous thrombus embolism in the community: know your score II	Not oral cavity cancer
507.	Risk factors for peripheral vascular disease in hypertensive subjects with type 2 diabetes mellitus	Not oral cavity cancer
508.	Prevention of diabetes in women with a history of gestational diabetes: effects of metformin and lifestyle interventions	Not oral cavity cancer
509.	Caries prevalence of school-going boys and girls according to cleaning methods and soft drink-taking frequency in different localities, in and around Guwahati City	Not oral cavity cancer

(Continued)

**Supplementary Material S2** (Continued)

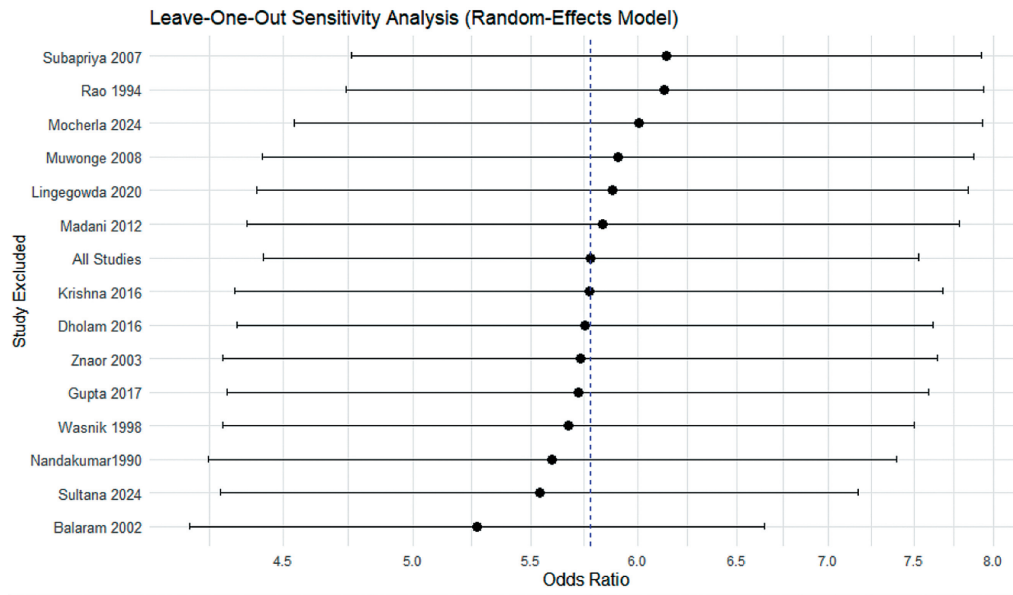
Sl. no.	Title of the paper	Reason for exclusion
510.	Effect of sea buckthorn seed oil in reducing cardiovascular risk factors: a longitudinal controlled trial on hypertensive subjects	Not oral cavity cancer
511.	Regional differences in presentation and antithrombotic treatment of patients with atrial fibrillation: baseline characteristics from a clustered randomized trial to IMProve treatment with AntiCoagulanTs in patients with atrial fibrillation (IMPACT-AF)	Not oral cavity cancer
512.	Prevalence of type 2 diabetes and other cardiovascular risk factors in Mayotte in 2008: the MAYDIA study	Not oral cavity cancer
513.	Effect of oral nutritional supplementation on growth and recurrent upper respiratory tract infections in picky eating children at nutritional risk: a randomized, controlled trial	Not oral cavity cancer
514.	Prevalence estimates of diabetes and of other cardiovascular risk factors in the two largest Algonquin communities of Quebec	Not oral cavity cancer
515.	[Hepatitis E virus: an emerging disease]	Not oral cavity cancer
516.	Physical activity, obesity, and the incidence of type 2 diabetes in a high-risk population	Not oral cavity cancer
517.	Hepatitis E: Historical, contemporary and future perspectives	Not oral cavity cancer
518.	Glycemic control and alveolar bone loss progression in type 2 diabetes	Not oral cavity cancer
519.	Intact proinsulin, des 31,32 proinsulin, and specific insulin concentrations among nondiabetic and diabetic subjects in populations at varying risk of type 2 diabetes	Not oral cavity cancer
520.	Non-insulin dependent diabetes mellitus and alveolar bone loss progression over 2 years	Not oral cavity cancer
521.	Discriminative ability of plasma branched-chain amino acid levels for glucose intolerance in families at risk for type 2 diabetes	Not oral cavity cancer
522.	Lessons learned from the 1-hour post-load glucose level during OGTT: current screening recommendations for dysglycaemia should be revised	Not oral cavity cancer
523.	Relationship of metabolic syndrome and fibrinolytic dysfunction to cardiovascular disease	Not oral cavity cancer
524.	Type 1 diabetes in the offspring does not increase the risk of parental type 2 diabetes in South Indians	Not oral cavity cancer
525.	Vitamin B-12 supplementation during pregnancy and early lactation increases maternal, breast milk, and infant measures of vitamin B-12 status	Not oral cavity cancer
526.	Disturbed galactose metabolism in elderly and diabetic humans is associated with cataract formation	Not oral cavity cancer
527.	Diabetes and depot medroxyprogesterone contraception in Navajo women	Not oral cavity cancer
528.	Management and 1-year outcomes of patients with newly diagnosed atrial fibrillation and chronic kidney disease: results from the prospective GARFIELD-AF Registry	Not oral cavity cancer
529.	Severe periodontitis and risk for poor glycemic control in patients with non-insulin-dependent diabetes mellitus	Not oral cavity cancer
530.	Does 3-day course of oral amoxicillin benefit children of non-severe pneumonia with wheeze: a multicentric randomised controlled trial	Not oral cavity cancer
531.	A double-blind placebo-controlled trial of azithromycin to reduce mortality and improve growth in high-risk young children with non-bloody diarrhoea in low resource settings: the Antibiotics for Children with Diarrhoea (ABCD) trial protocol	Not oral cavity cancer
532.	The association between prolonged occupational exposure to paraphenylenediamine (hair-dye) and renal impairment	Not oral cavity cancer
533.	Women with an HbA1c of 41-49 mmol/mol (5.9-6.6%): a higher risk subgroup that may benefit from early pregnancy intervention	Not oral cavity cancer
534.	Prevention of the areca nut extract-induced unscheduled DNA synthesis of gingival keratinocytes by vitamin C and thiol compounds	Not oral cavity cancer

**Supplementary Material S2** (Continued)

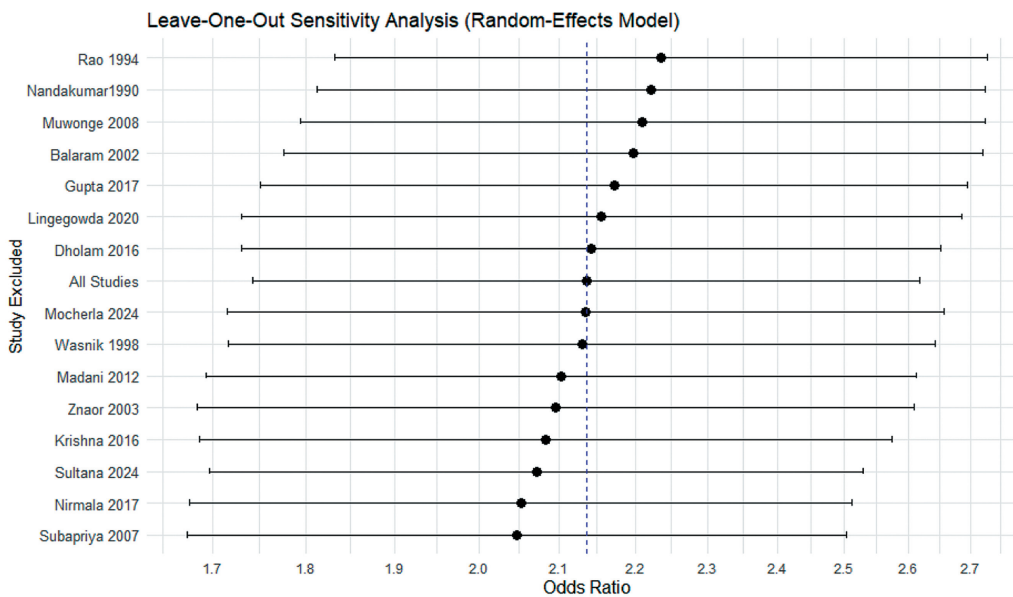
Sl. no.	Title of the paper	Reason for exclusion
535.	Genetic variations of TLRs and their association with HPV/EBV, co-infection along with nicotine exposure in the development of premalignant/malignant lesions of the oral cavity in Indian population	Not oral cavity cancer
536.	Time intervals and patient-level factors in oral cancer diagnostic pathways: an application of the WHO framework in India	Not oral cavity cancer
537.	Trends in mouth cancer incidence in Mumbai, India (1995?2009): an age-period-cohort analysis	Not oral cavity cancer
538.	Evaluation of flap complications following pectoralis major myocutaneous flap reconstruction for oral cancers	Not oral cavity cancer
539.	Association of mitochondrial D-loop mutations with GSTM1 and GSTT1 polymorphisms in oral carcinoma: a case control study from Northeast India	Not oral cavity cancer
540.	Cost-effectiveness of population-based screening for oral cancer in India: an economic modelling study	Not oral cavity cancer
541.	Influence of single nucleotide polymorphisms in H-Ras and cyclin D1 genes on oral cancer susceptibility	Not oral cavity cancer
542.	Clinico-epidemiological study of oral squamous cell carcinoma: a tertiary care centre study in North India	Descriptive study
543.	Burden of oral cancer and associated risk factors at national and state levels: A systematic analysis from the global burden of disease in India, 1990–2021	Descriptive study
544.	A scientometric study of oral cancer research in South and Southeast Asia with emphasis on risk factors control	Descriptive study
545.	Community-based oral cancer screening for women of remote & rural blocks of the Chikkaballapur district, Karnataka, India	Descriptive study
546.	Squamous cell cancer of the buccal mucosa in young adults	Descriptive study
547.	Alcohol intake and oral cavity cancer risk among men in a prospective study in Kerala, India	No relevant information

### Supplementary Material S3 Leave-one-out analysis.

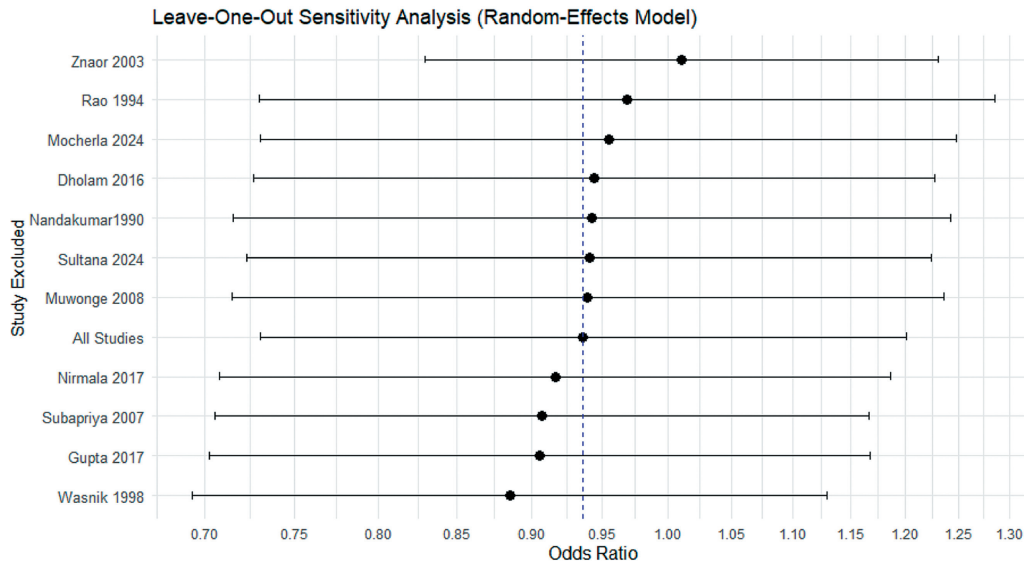
Tobacco chewing and oral cancer.



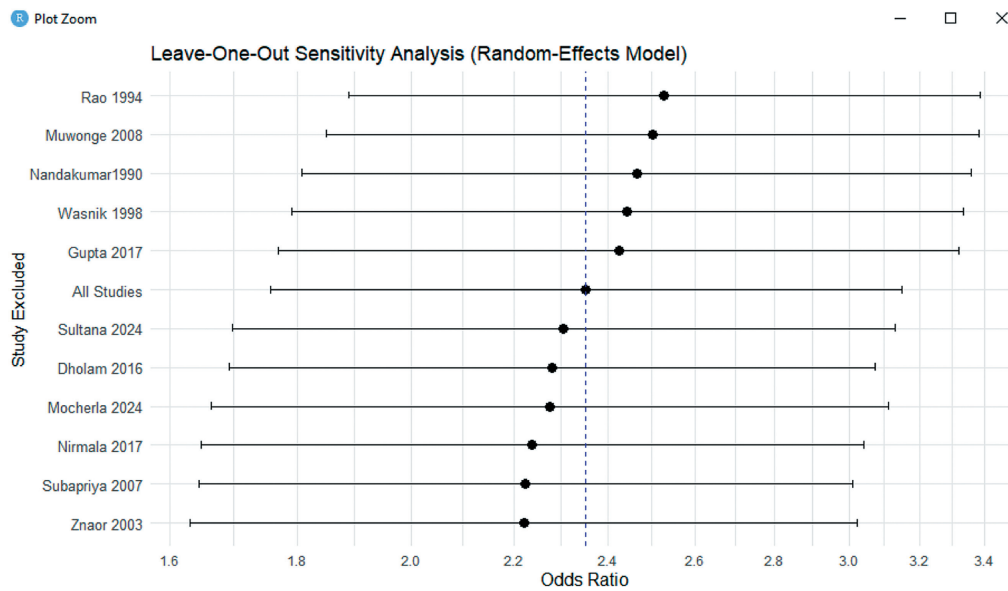
Tobacco smoking and oral cancer.



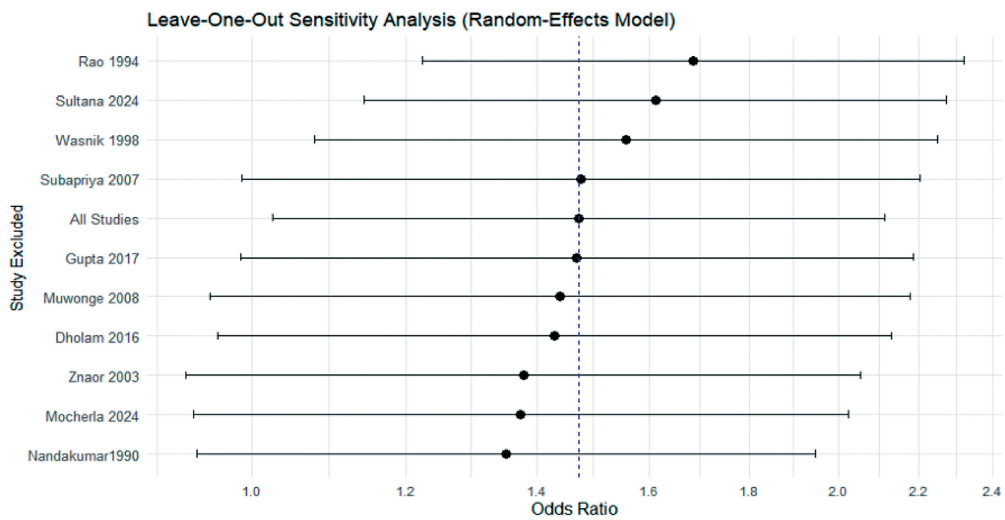
Tobacco smoking for less than 10 years.



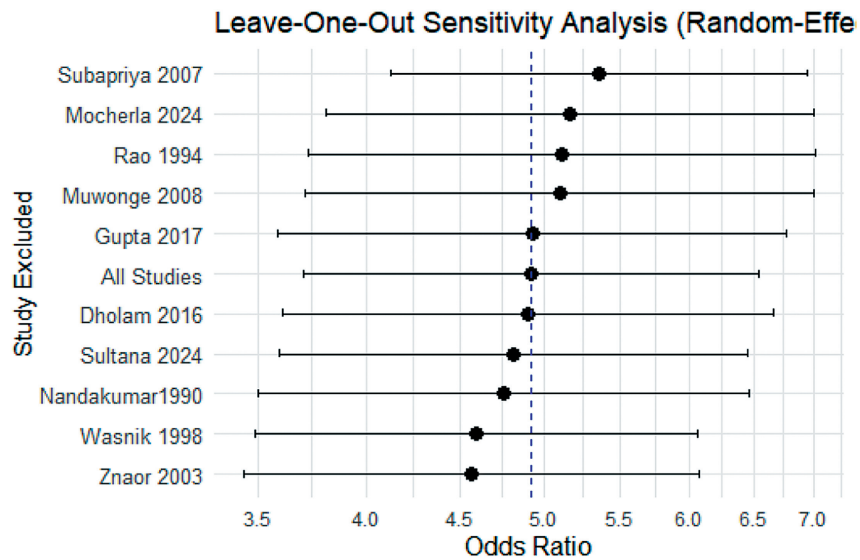
Tobacco smoking for more than 10 years.



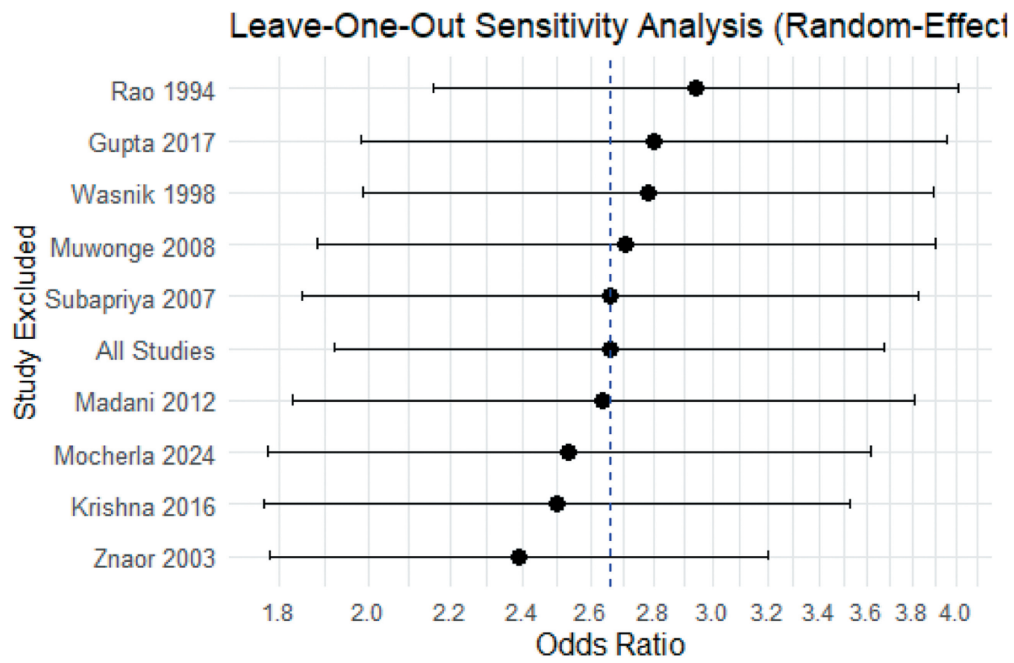
Tobacco chewing for less than 10 years.



Tobacco chewing for more than 10 years.



Daily consumption of alcohol and oral cancer.



**Supplementary Material S4** JBI critical appraisal checklist for case control studies

	Response	Nanda Kumar 1990	Rao 1994	Balaram 2002	Zhoar 2003	Muwange 2008	Subapriya 2007	Krishna 2016	Nirmaia 2017	Gupta 2017	Dholam 2016	Lingegowda 2020	Mocheria 2024	Sultana 2024	Madani 2012	Wasnik 1998
Were the groups comparable other than the presence of disease in cases or the absence of disease in controls?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Were cases and controls matched properly?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Were the same criteria used for identification of cases and controls?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Was exposure measured in a standard, valid, and reliable way?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Was exposure measured in the same way for cases and controls?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Were confounding factors identified?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Were strategies to deal with confounding factors stated?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Were outcomes assessed in a standard, valid, and reliable way for cases and controls?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Was the exposure period of interest long enough to be meaningful?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Was an appropriate statistical analysis used?	Y/N/ Unclear/NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Overall appraisal	Include/ Exclude /Seek further information	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include	Include

**Supplementary Material S5** Certainty of evidence and summary effect estimates assessed by GRADE (Grading of Recommendations, Assessment, Development, and Evaluation)

Outcomes	Summary of studies		Quality assessment					Certainty of evidence
	No of studies	Outcomes	Study design	Inconsistency	Indirectness	Imprecision	Other consideration	
Association of tobacco chewing with oral cancer	14	5.77 (95% CI: 4.43–7.53)	Not serious	Serious	Not serious	Not serious	No publication bias	Low
Association of chewing tobacco for less than 10 years with oral cancer	10	1.64 (95% CI: 1.19–2.26)	Not serious	Serious	Not serious	Not Serious	None	Low
Association of chewing tobacco for more than 10 years with oral cancer	10	4.92 (95% CI: 3.70–6.52)	Not serious	Serious	Not serious	Not serious	None	Low
Association of tobacco smoking with oral cancer	15	2.14 (95% CI: 1.74–2.62)	Not serious	Serious	Not serious	Not serious	No publication bias	Low
Association of smoking tobacco for less than 10 years with oral cancer	11	0.94 (95% CI: 0.73–1.20)	Not serious	Serious	Not serious	Not serious	None	Low
Association of smoking tobacco for more than 10 years with oral cancer	11	2.35 (95% CI: 1.76–3.15)	Not serious	Serious	Not serious	Not serious	None	Low
Association of occasional alcohol consumption with oral cancer	6	1.09 (95% CI: 0.90–1.33)	Not serious	Not Serious	Not serious	Not serious	None	Moderate
Association of daily alcohol consumption with oral cancer	9	2.66 (95% CI: 1.92–3.67)	Not serious	Serious	Not serious	Not serious	None	Low
Association of regular consumption of vegetables with oral cancer	3	0.33 (95% CI: 0.22–0.47)	Not serious	Not Serious	Serious	Not serious	None	Low
Association of chronic trauma to the oral cavity	2	1.95 (95% CI: 1.05–3.62)	Not serious	Not Serious	Not serious	Not serious	None	Moderate