

Delays in Referral and Treatment of Oral Cancer Screening for the Vulnerable Population



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On behalf of Taiwan Oral Cancer Screening Program

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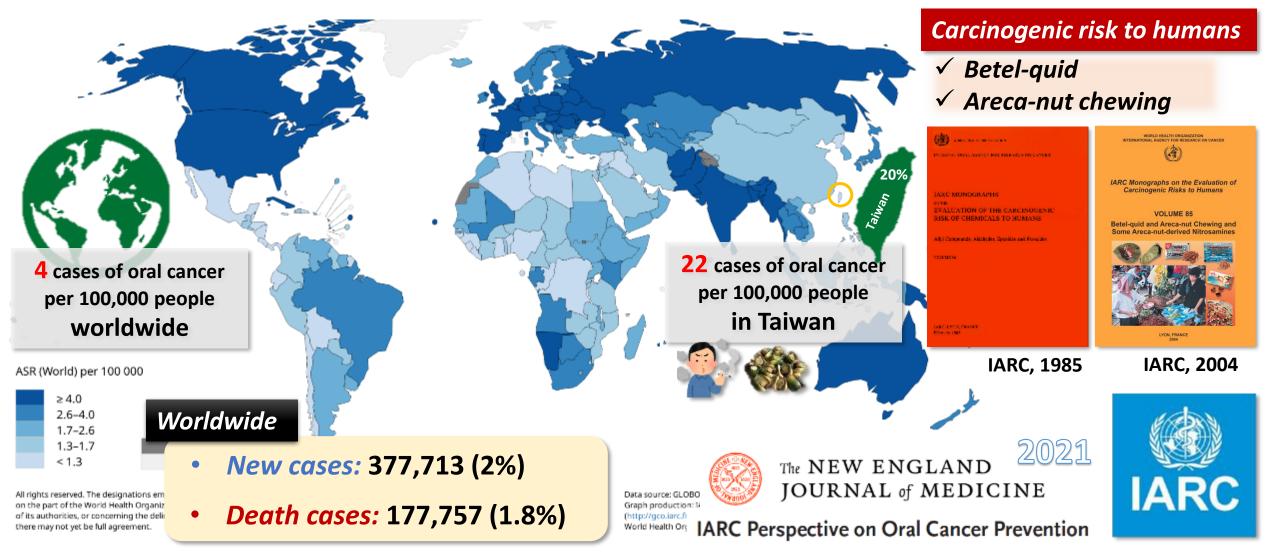




台灣口腔癌篩檢計畫 Taiwan Oral Cancer Screening Program

Disease Burden of Oral Cancer

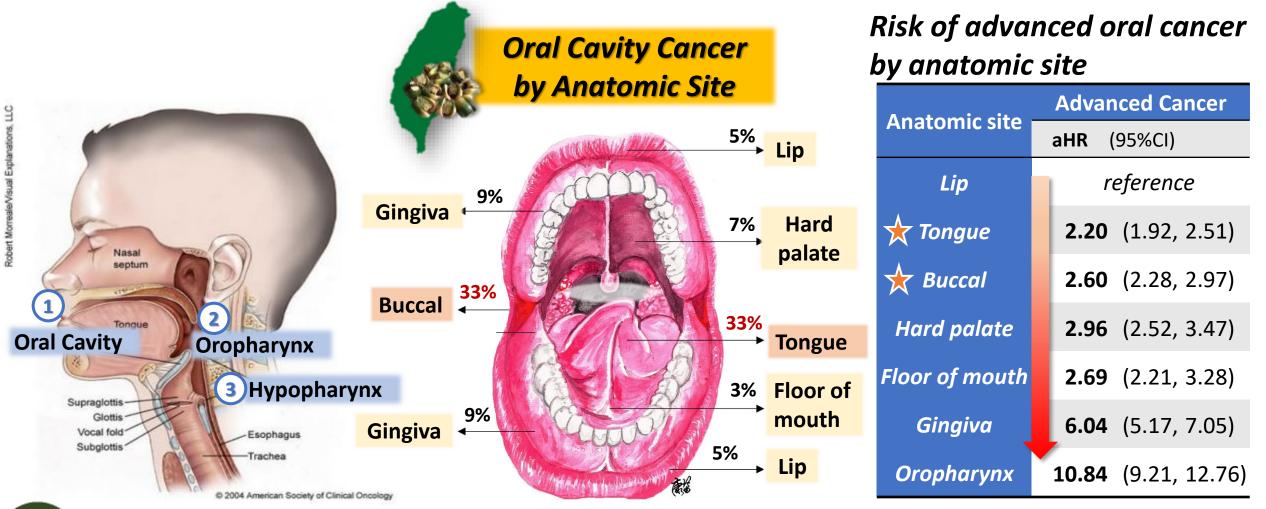
Estimated age-standardized incidence rates (World) in 2020, lip, oral cavity



Categories of Oral Cancer and Risk of Advanced Case by Anatomic Site

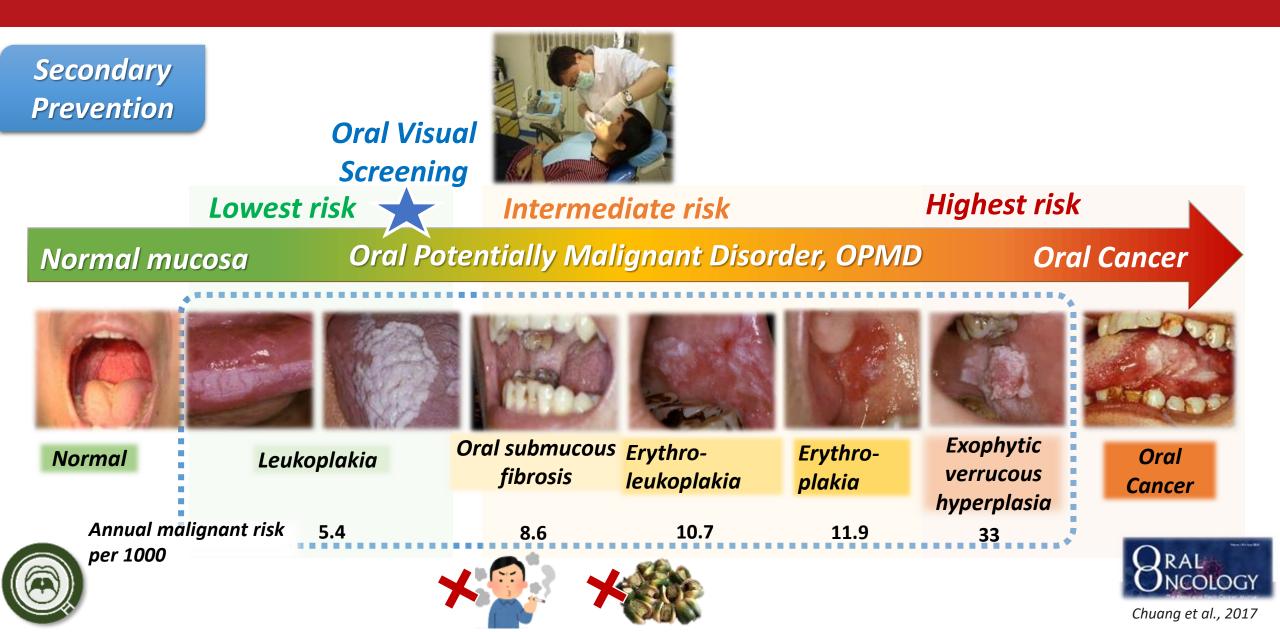
(3)

HEAD NECK Su. et al. 2019





Multi-step Disease Progression of OPMD and Oral Cancer



IARC Perspective on Oral Cancer Prevention



The NEW ENGLAND JOURNAL of MEDICINE

IARC Perspective on Oral Cancer Prevention





Primary Prevention



Secondary Prevention



Prevention of Oral Cancer

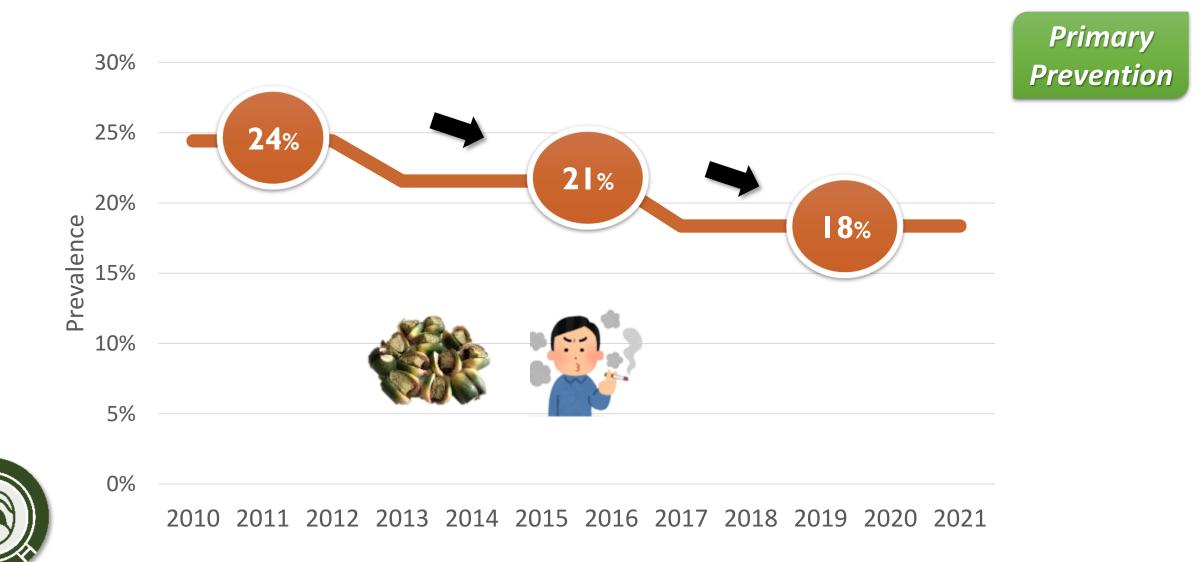
Evidence of Interventions and Strategies for the Prevention of Oral Cancer

Primary Prevention

Cessation of exposure to risk factor Tobacco smoking Sufficient Use of smokeless tobacco Inadequate Use of areca nut (including betel) with or Sufficient without tobacco Alcohol consumption Sufficient Cessation intervention for smokeless tobacco Behavioral intervention Sufficient in adults: limited in youths Pharmacologic intervention Limited Combined behavioral and pharmacologic Limited interventions **Secondary Prevention** Clinical oral examination in high-risk populations Group B

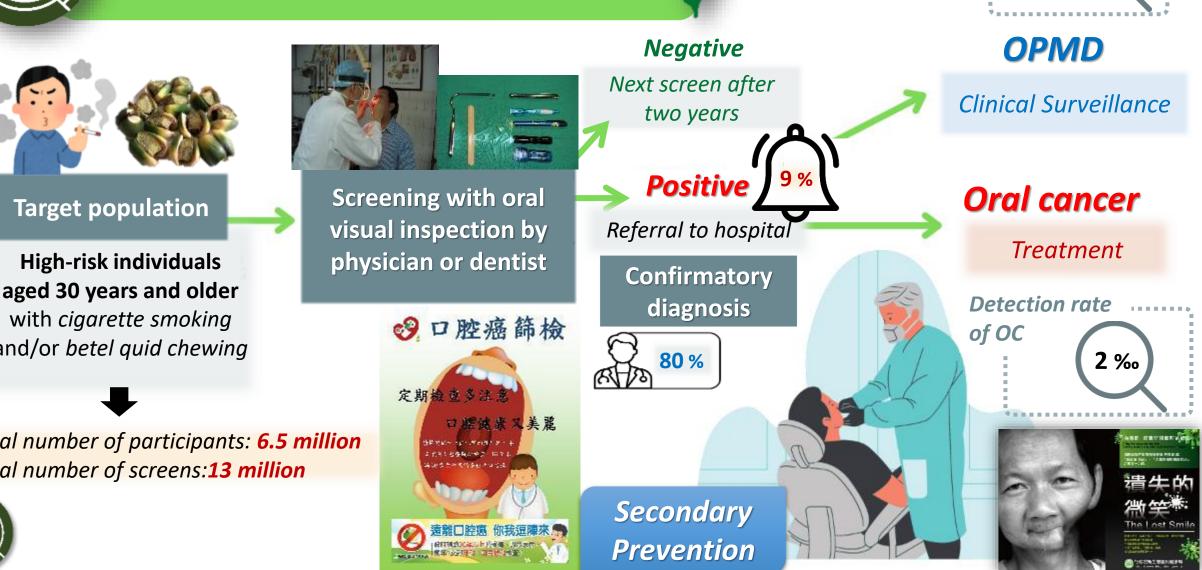
Declining Prevalence of Betel Quid Chewing in Taiwan

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Taiwan Population-based Biennial Oral Neoplasia Screening Program since 2004



Detection rate

10 ‰

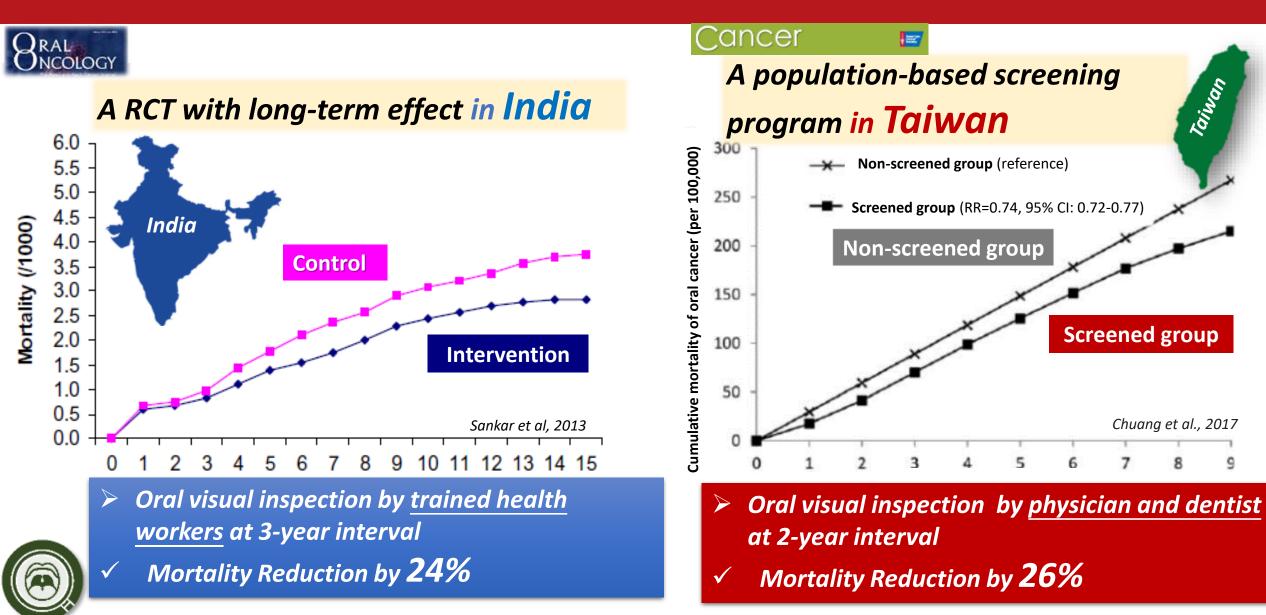
of OPMD

and/or betel quid chewing

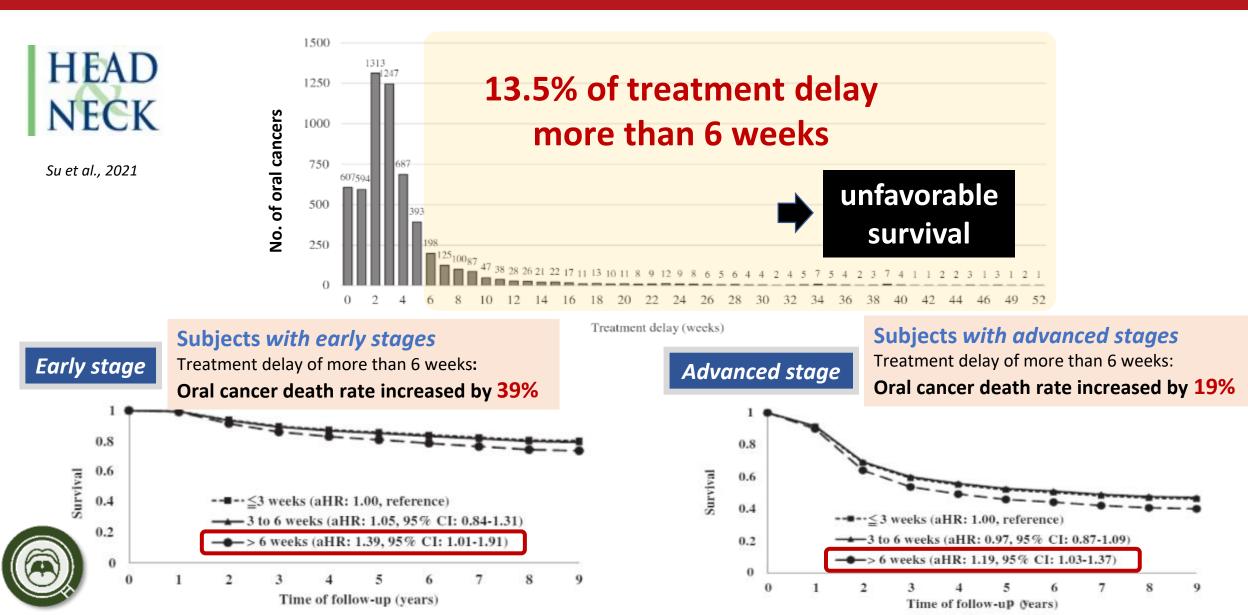
✓ Total number of participants: **6.5 million** ✓ Total number of screens:13 million



Effectiveness of Oral Cancer Screening

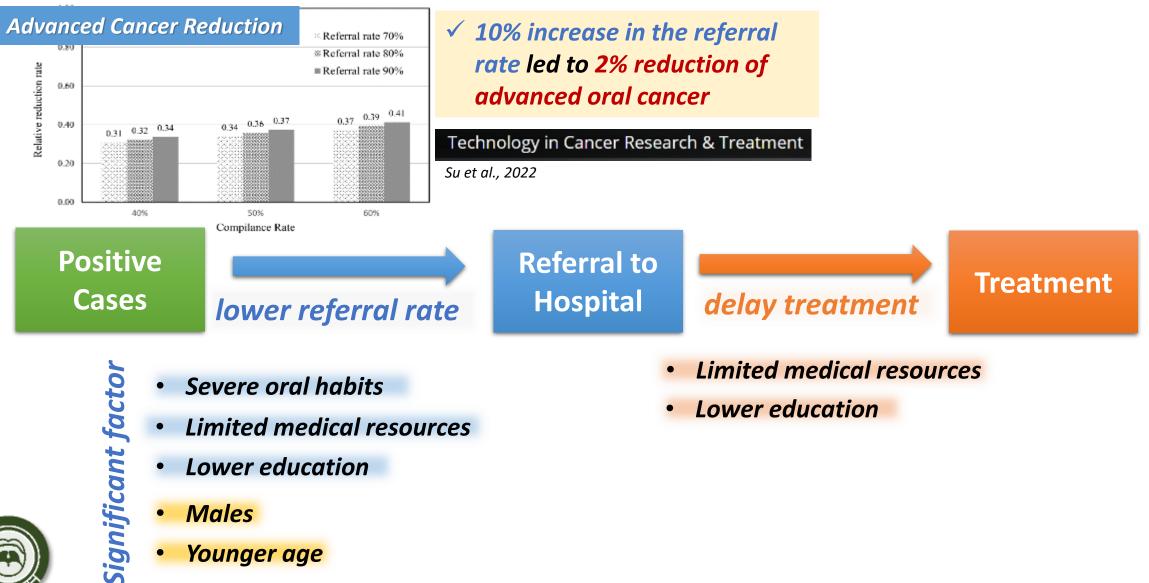


Treatment Delay on Survival of Oral Cancers



Delays in Referral and Treatment of Oral Cancer Screening and Associated Factors for the Vulnerable Population

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Younger age

Impacts of Delayed treatment and Referral on Sustainable Development Goals (SDGs)



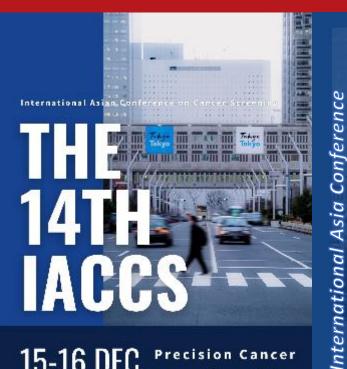
Lose Job

 \checkmark Elucidating the delays in referral and treatment play an important role in **the** equitable policy in reducing the barrier of accessibility to continued services for these vulnerable populations after the uptake of oral cancer screening

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Thank You for Your Attention



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