

Prevention of oral cancer in China

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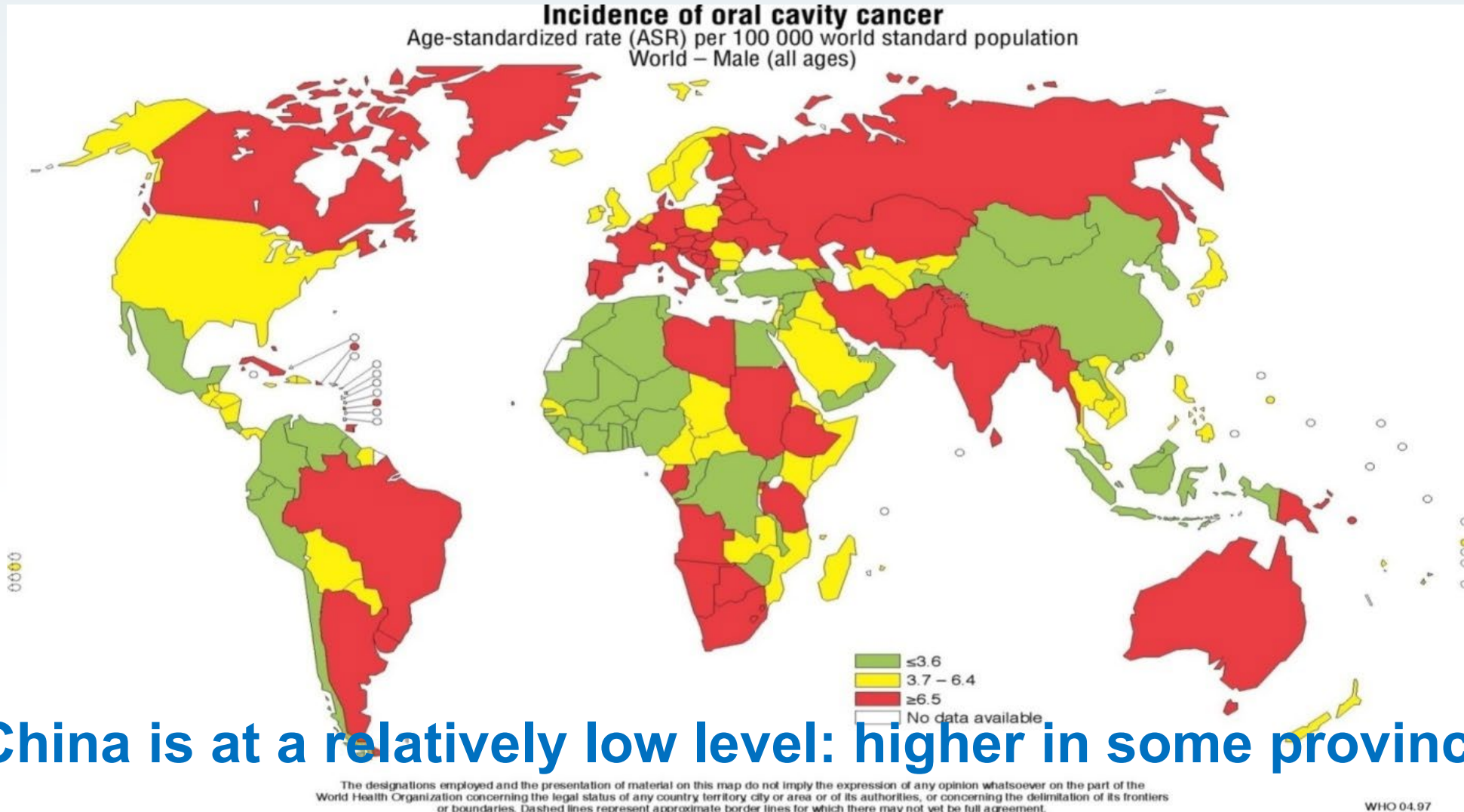
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Epidemic characteristics of oral cancer in China

World Epidemic Status of Oral Cancer



China is at a relatively low level: higher in some provinces.

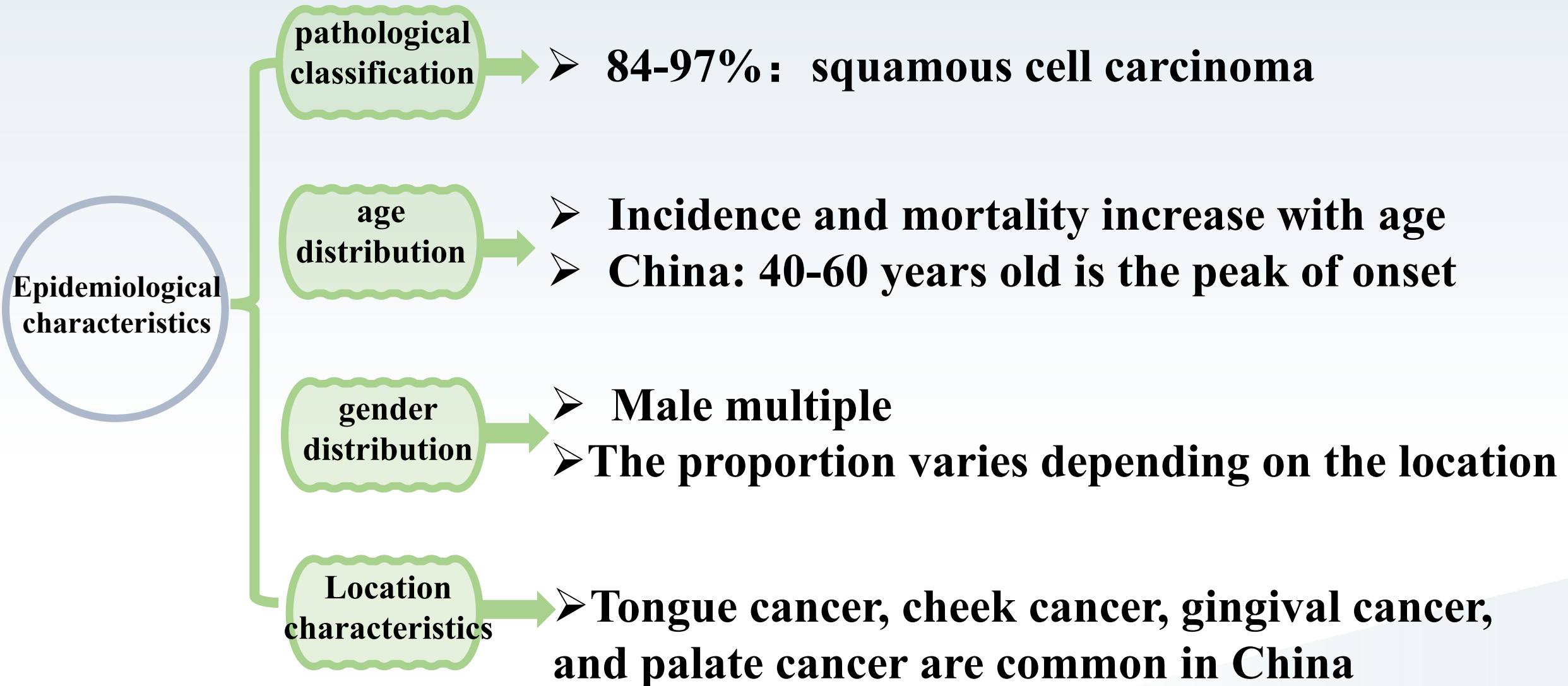
Epidemic characteristics of oral cancer in China

National epidemiological survey detection rate (2005/2015)

		Malignancy	Leukoplakia	Lichen planus
	Subjects	Detection rate 1/100000		
35-44 year old	23538/4410	17/0	212/204	259/340
55-64 year old	-/4623	- /43	- /368	- /735
65-74 year old	23415/4431	30/23	342/384	662/384

Standardized incidence rate of census: 1.92/100000 in 1973, 3.27/100000 in 2005

Epidemic characteristics of oral cancer in China



Epidemic characteristics of oral cancer in China

Oral cancer is the 6th most common cancer globally

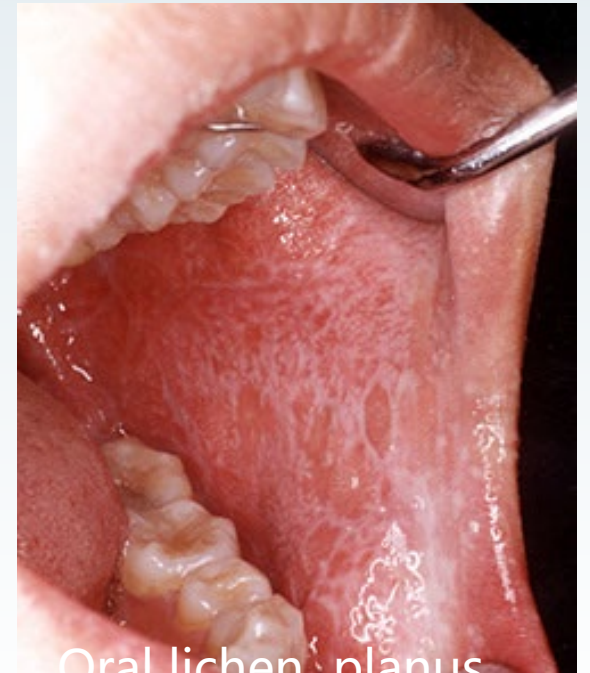
Why do we need treatment?

- **Easy to transfer**
- **High treatment costs**
- **Poor prognosis**
- **low survival rate**
- **correlation with TNM staging**
- **Serious impact on quality of life**

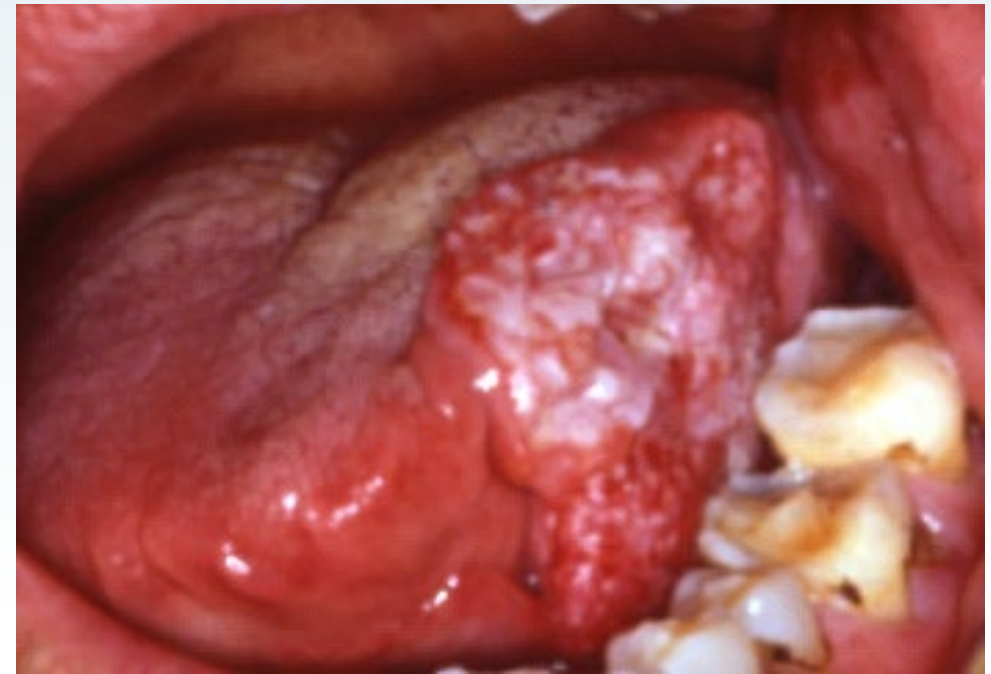
Oral potential malignant disorders can become malignant

- **Oral potentially malignant disorders, OPMDs**
- ‘Any oral mucosal abnormality that is associated with a statistically increased risk of developing oral cancer.’
- Leukoplakia
- Erythroplakia
- Oral Submucous Fibrosis (OSF)
- Oral Lichen Planus (OLP)
- Discoid Lupus Erythematosus (DLE)
- Others

Oral potential malignant disorders can become malignant



Oral potential malignant disorders can become malignant



Long term incurable deep ulcers on ventrum of tongue

Measures for Preventing Oral Cancer in China

1 Policies and measures

- China signed the Framework Convention on Tobacco Control (FCTC) in 2003
- The National People's Congress approves FCTC in 2006
- The Beijing Tobacco Control Regulations were implemented on June 1, 2015

Comprehensive smoking ban in public places
"the strictest" in history



Measures for Preventing Oral Cancer in China

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Policies and measures

➤ Outline of the "Healthy China 2030" Plan

Propose to strengthen oral hygiene

➤ 2019 'Healthy Oral Action Plan (2019-2025)'

Intervention for high-risk behaviors

- ✓ Strengthen comprehensively promote smoking prohibition in public places
- ✓ Targeted implementation oral health education and examination in areas with the habit of chewing betel nuts.
- ✓ Promote early diagnosis and treatment of OPMDs.



Measures for Preventing Oral Cancer in China

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Oral health education and promotion

Warning sign

- Ulcers unhealed in the oral cavity for more than 3 months
- Leukoplakia, Erythroplakia, etc
- Unexplained swelling and lymph node enlargement

Regular Oral examination

- Improve prevention and early treatment rates
(early detection, diagnosis, and treatment)
- High risk population strategy
(>40 years old, smoking/drinking/chewing betel nut)

Prevent OPMDs from becoming cancerous

Primary prevention

1. Health education
2. Advocate for healthy habits
3. Stay away from harmful factors
4. Epidemiological investigation
5. Regular oral examination



Secondary prevention

1. Discover OPMDs as early as possible
2. Control and eliminate OPMDs
3. Follow-up



Tertiary prevention

1. Oral surgery for OPMDs or cancer
2. Follow-up

Prevent OPMDs from becoming cancerous

Health education



Epidemiological investigation

- **Epidemiological survey of leukoplakia and lichen planus in China in 1978**
- **The Fourth National Oral Epidemiological Survey in China in 2015**

Measures for Preventing Oral Cancer in China

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Oral health education and promotion

Development leadership

- Symposium
- Report to the leader for instructions



Measures for Preventing Oral Cancer in China

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Oral health education and promotion

On site research (Hunan)

- Among 50 hospitalized patients
- 45 cases of oral cancer
- Among them, 44 chewed betel nuts



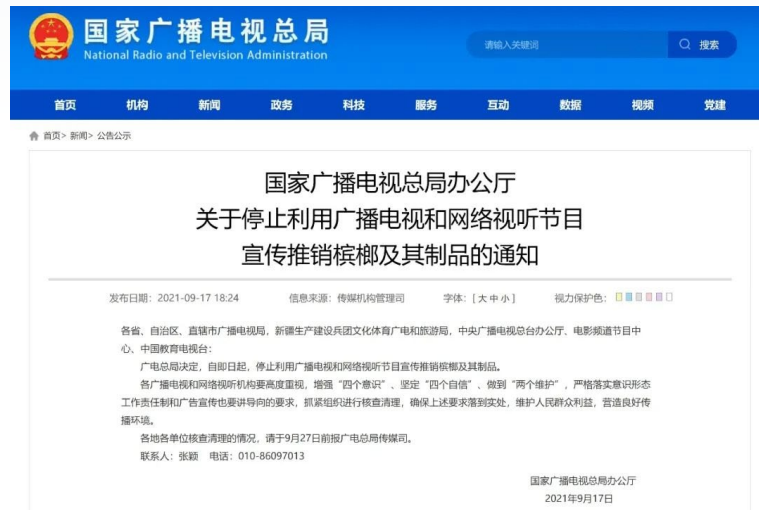
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Oral health education and promotion

Joint publication

- Notice issued by the State Administration of Radio, Film and Television
- Three Societies Joint Publishing Initiative



建议通过《健康中国行动》等多种途径，加强社会宣教，让民众充分了解嚼食槟榔可致口腔癌的健康知识，引导民众放弃嚼食槟榔的不良生活习惯。并请政府主管部门尽快制定政策，严格控制槟榔的生产和销售，逐渐消除槟榔的健康危害。让我们行动起来，让民众远离槟榔，形成有益口腔健康的生活方式，保障民众的身心健康。



二零二一年 十一月四日

THANK YOU

