

口腔病理科 CASE REPORT

報告者

- Intern J
- 林燕莉 莊銘賢
- 吳庭祐 黃宇婷

指導醫師

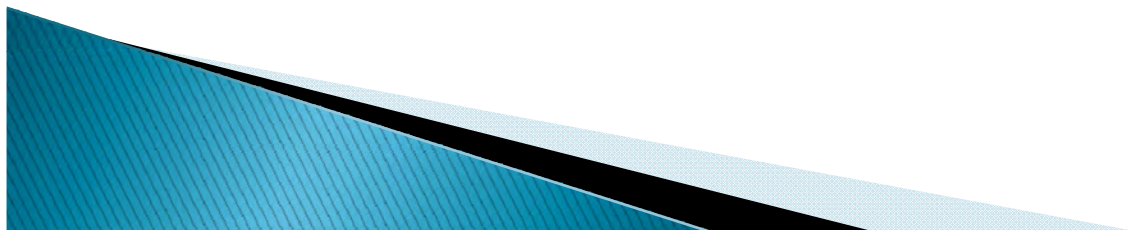
- 林立民醫師 陳玉昆醫師
- 王文岑醫師 陳靜怡醫師

報告日期

- 98/04/21

General Data

- ▶ Name: 鄭XX
- ▶ Sex: 男
- ▶ Age: 50
- ▶ Native: 高雄縣
- ▶ Occupation: 廚師
- ▶ Marital Status: 已婚
- ▶ Attending VS: 黃逸岳 醫師 (OS dept.)
- ▶ First Visit: 98/03/31



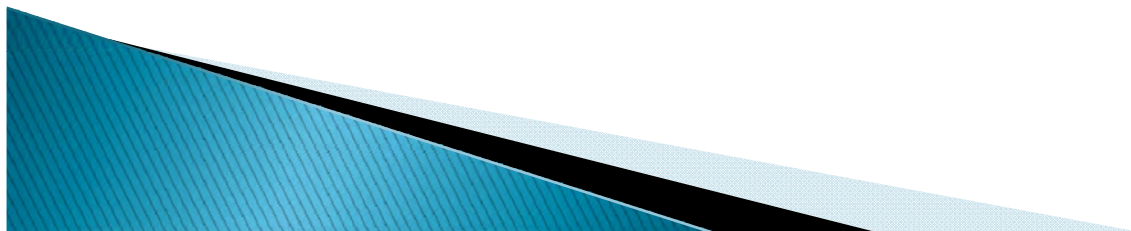
Chief Complaint

- ▶ 2 masses at hard palate for 2~3 months.



Present Illness

- ▶ This 50 y/o male found two masses at the middle of hard palate for 2~3months.
- ▶ He went to 康橋LDC for help because he found difficulty to wear his upper RPD. The dentist asked him to stop wearing it for one week, if the mass did not subside, suggested him to come to our OPD for further evaluation.

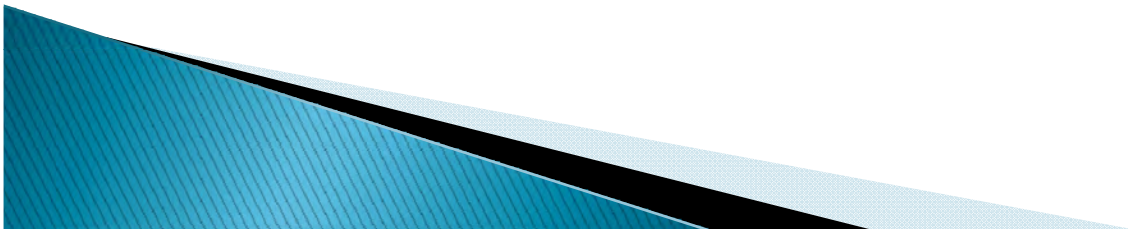


Past Medical History

- Hypertension
- Hepatitis B
- 良性血管瘤 (長庚H.檢查)
- Denied any drug and food allergy

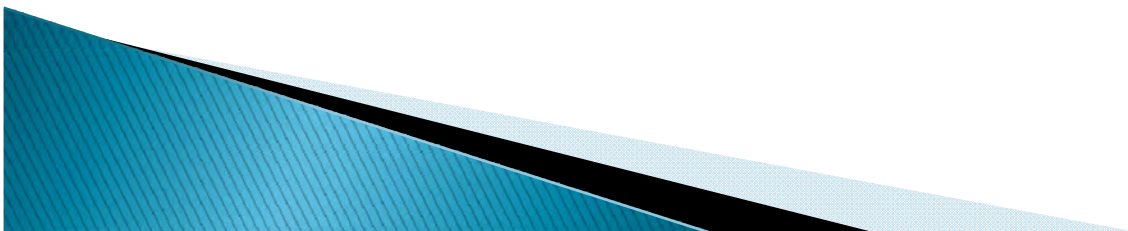
Past Dental History

- OD Tx.
- Extraction
- Prosthesis fabrication



Personal Habit

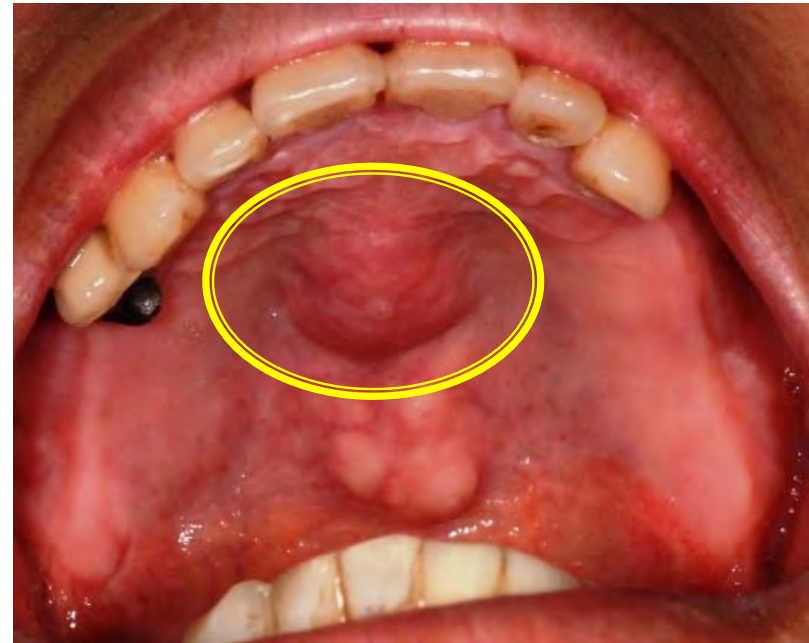
- ▶ Risk factors related to malignancy
 - Alcohol: (+), socially.
 - Betel quid: (+), 1~2years, quit 30years.
 - Cigarette: (+), 5~6yrs, quit 20years.
- ▶ Other oral habits: Denied



Intraoral Examination (1)

▶ Anterior (mid. hard palate)

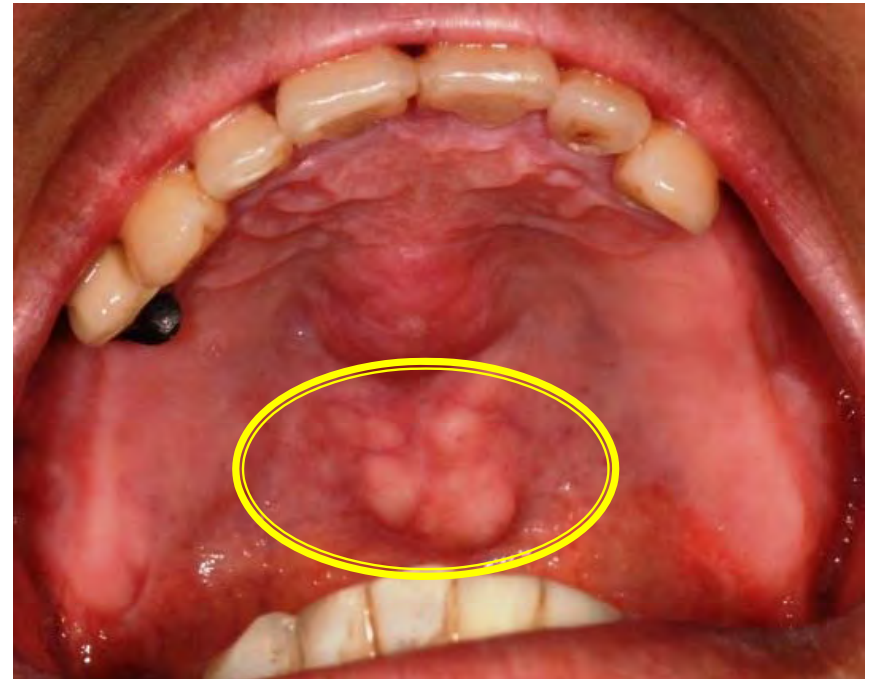
- Smooth surface
- Reddish
- Pain(-)
- Tenderness(-)
- Consistency: soft to firm
- Size: 2.0 x 2.5cm
- Mobility: fixed



Intraoral Examination (2)

► Posterior (mid. hard palate)

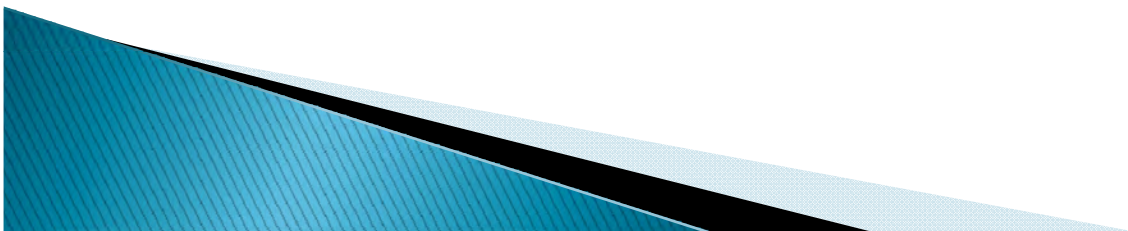
- Smooth surface (multiple nodular)
- Pinkish
- Pain(-)
- Tenderness(-)
- Consistency: hard
- Size: 2.0 x 2.0cm
- Mobility: fixed



Intraoral Examination (3)

- ▶ Dental findings

- Missing: tooth 15, 16, 17, 18, 24, 25, 26, 27, 28, 35, 37, 38
- PFM crown: tooth 14, 31, 32, 33



Radiographic Findings

- ▶ There is a ill-defined radiolucence with vary degree of radio-opaque over hard palate extending from the apex of tooth 11 to the middle part of the hard palate, measuring about 2 x 4 cm in size.



Radiographic Findings



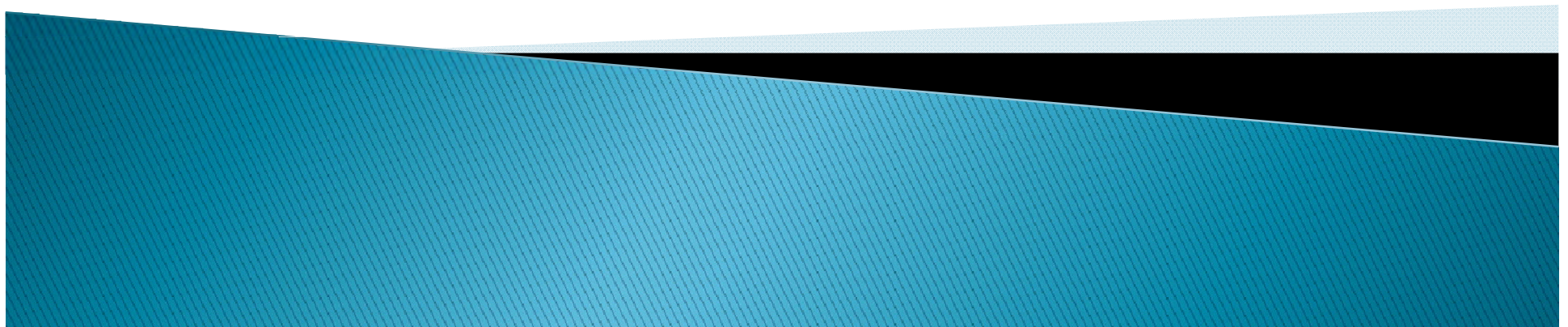
- ▶ There is a ill-defined radiolucence with vary degree of radio-opaque over right maxillary sinus floor measuring about 4 x 1.5 cm in dimension.

Radiographic Findings

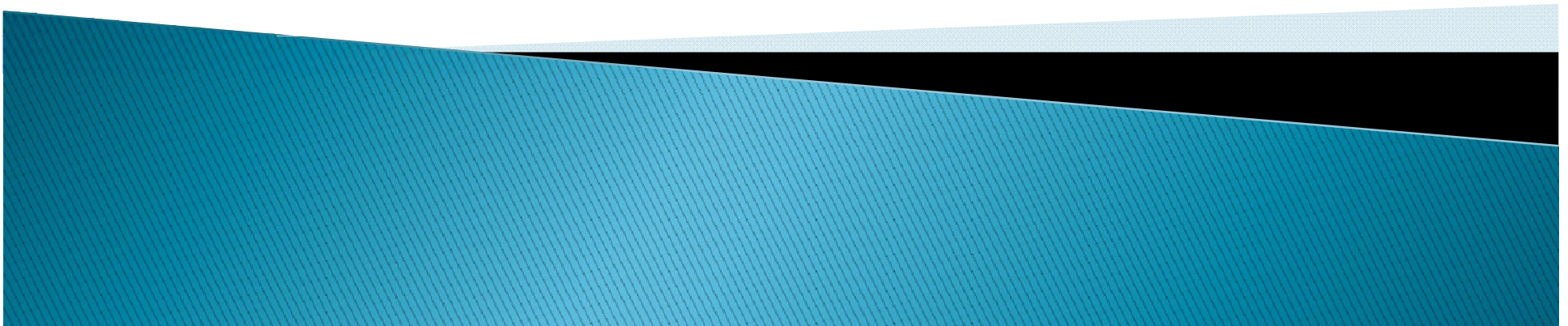


- ▶ Condyle: wearing on the left condyle head
- ▶ Sinus: clear
- ▶ C & B: 14, 31, 32, 33
- ▶ Filling: 36, 46
- ▶ Unerupted teeth: 28, 48
- ▶ Generalized horizontal bony defect

Differential Diagnosis

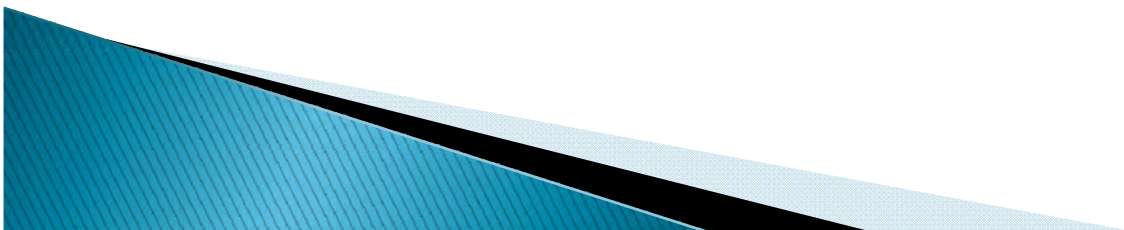


Anterior Mass



Inflammation or Cyst or Neoplasm

- ▶ Fever or local heat: (–)
- ▶ Pain: (–)
- ▶ Lymphadenopathy: (–)
- ▶ Surface: smooth, ulceration (–)
- ▶ **Mobility: (–)**
- ▶ Induration: unknown
- ▶ **Consistency: soft to firm**
- ▶ **Duration: 2 months**

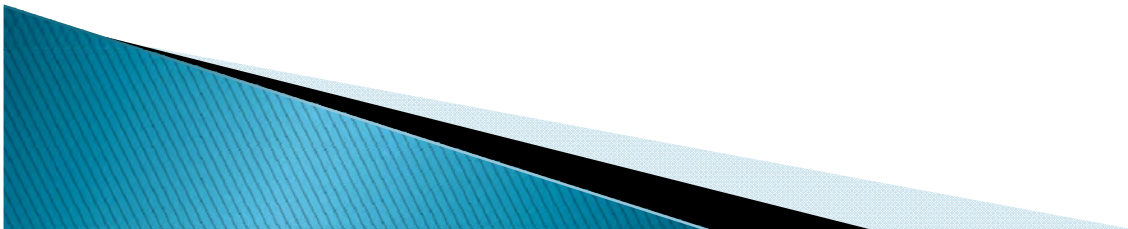


Benign or Malignant

- ▶ Mobility: (–)
- ▶ Ulceration: (–)
- ▶ Lymphadenopathy: (–)
- ▶ Induration: unknown
- ▶ Duration: 2 months
- ▶ Pain: (–)
- ▶ Bone destruction: (+)
- ▶ Margin: ill-defined



Malignant



Peripheral or Central



Peripheral

Working Diagnosis

Neoplasm

Malignant

peripheral

Polymorphous Adenocarcinoma

Adenoid Cystic Carcinoma

Mucoepidermoid Carcinoma



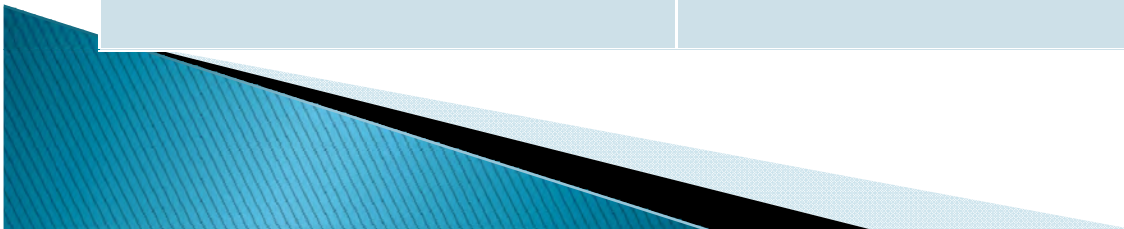
Polymorphous adenocarcinoma

	Our case	Polymorphous adenocarcinoma
Gender	Male	Female
Age	51	60~80
Symptom	Slowly growing mass	Painless, bleeding, discomfort feeling
Site	Hard palate	Hard or soft palate (65%), upper lip, buccal mucosa
Color	Red	Red



Polymorphous adenocarcinoma

	Our case	Polymorphous adenocarcinoma
Consistency	Soft to Firm	soft
Shape	Dome shape	Dome shape
Size	2.5 x 2 cm	Depends
Surface	Smooth	Maybe ulcerated
duration	2 months	Slow growth



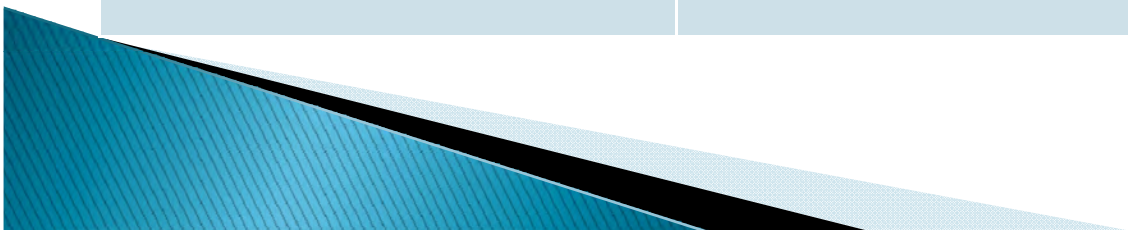
Adenoid Cystic Carcinoma

	Our Case	ACC
Gender	Male	No gender predilection
Age	51	Middle age
Symptom	Slowly growing mass	Slowly growing mass pain
Site	Hard palate	Hard palate
Color	Red	Red



Adenoid Cystic Carcinoma

	Our Case	ACC
Consistency	Soft to Firm	Firm
Shape	Dome shape	Dome shape
Size	2.5 x 2 cm	Depends
Surface	Smooth	Smooth
Duration	2 months	Slowly growing



Mucoepidermoid carcinoma

	Our case	Mucoepidermoid carcinoma
Gender	Male	Slightly female predilection
Age	51	20–70
symptom	Slowly swelling mass	Asymptomatic swelling , pain or facial nerve palsy
Site	Hard palate	Parotid gland, minor salivary gland
Color	Red	Blue or red



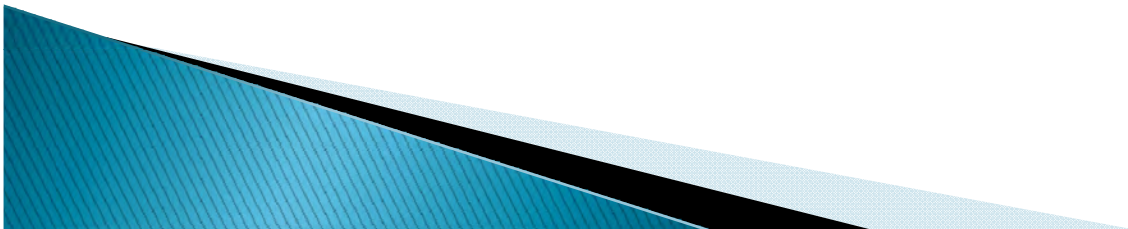
Mucoepidermoid carcinoma

	Our case	Mucoepidermoid carcinoma
Consistency	Soft to firm	Soft , sometimes fluctuant
Shape	Dome shape	Dome shape
Size	2.5x2 cm	< 3cm
Surface	Smooth	Smooth
Duration	2 months	Slowly growing

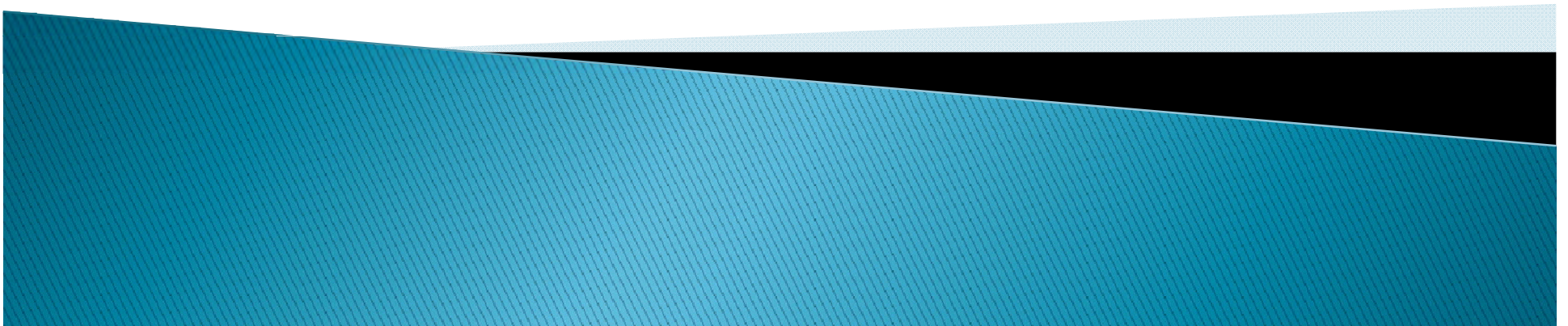


Clinical Impression

- ▶ Adenoid Cystic Carcinoma over right hard palate



Posterior Mass

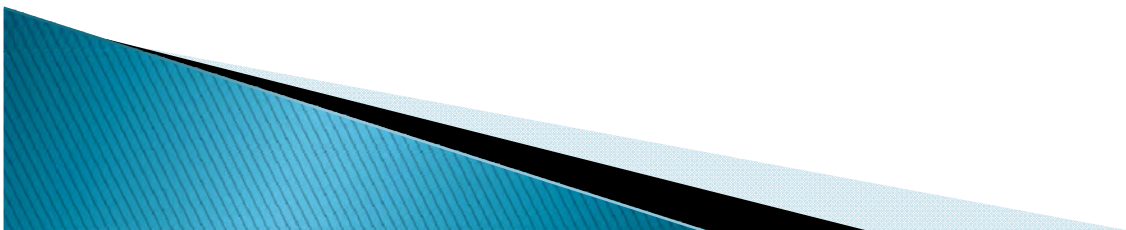


Inflammation or Cyst or Neoplasm

- ▶ Fever or local heat: (–)
- ▶ Pain: (–)
- ▶ Lymphadenopathy: (–)
- ▶ Surface: smooth, ulceration (–)
- ▶ Mobility: (–)
- ▶ Induration: unknown
- ▶ **Consistency: hard**
- ▶ **Duration: unknown**
- ▶ **Surface: multiple nodular**

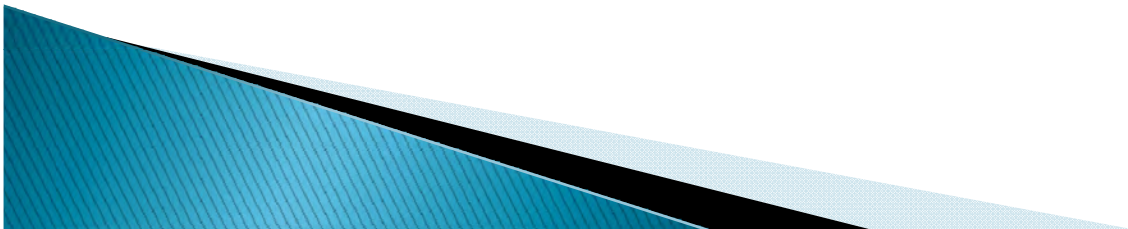


R/O
neoplasm,
inflammation,
cyst



Working Diagnosis

Torus Palatinus



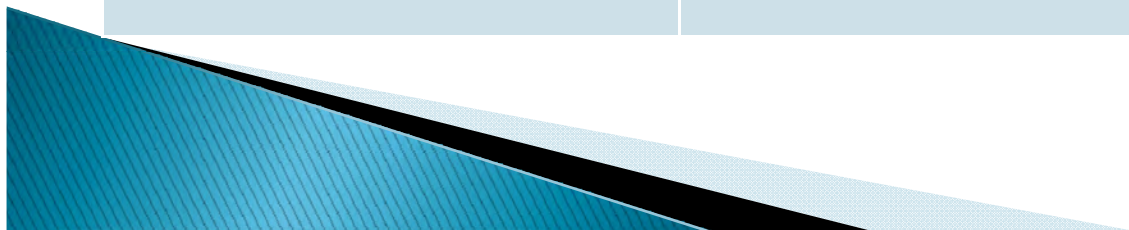
Torus Palatinus

	Our case	Torus Palatinus
Gender	Male	Female
Age	51	30–50
symptom	Asymptomatic	Asymptomatic
Site	Hard palate	Hard palate
Color	Pink	Red



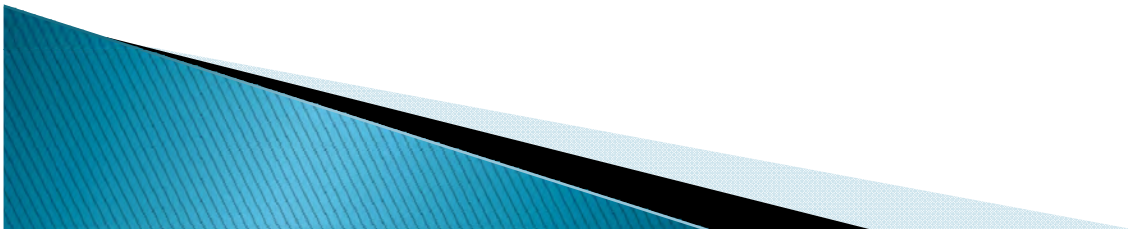
Torus Palatinus

	Our case	Mucoepidermoid carcinoma
Consistency	Hard	Hard
Shape	Multi-nodular	Multi-nodular
Size	2x2 cm	< 2cm
Surface	Smooth	Smooth
Duration	Unknown	Slowly growing

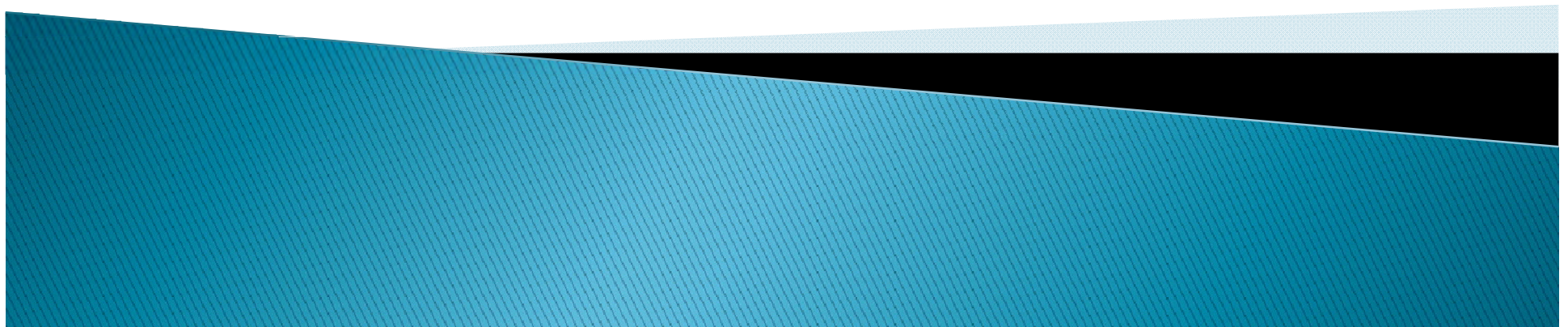


Clinical Impression

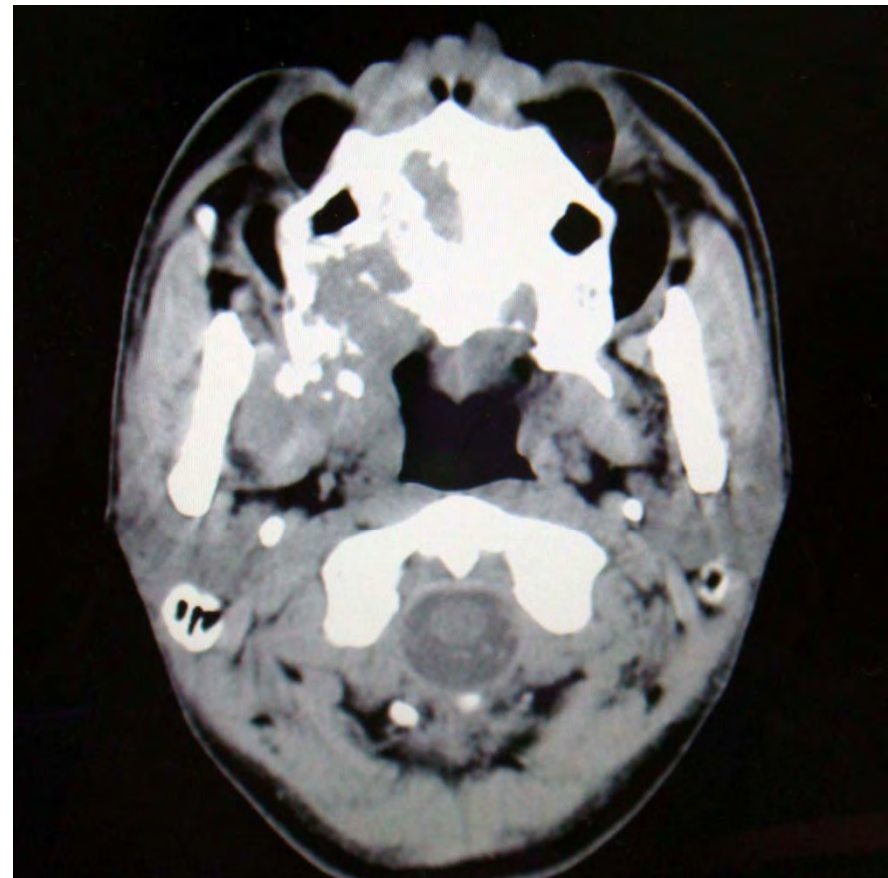
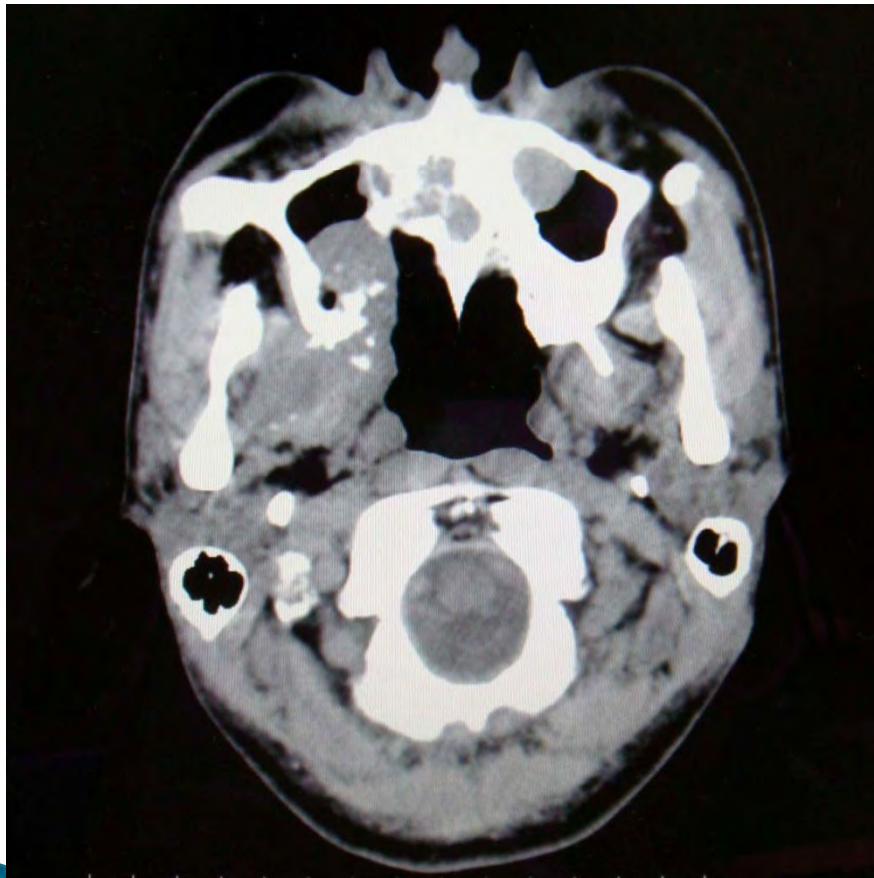
- ▶ Torus Palatinus over mid-posterior hard palate



Other examinations



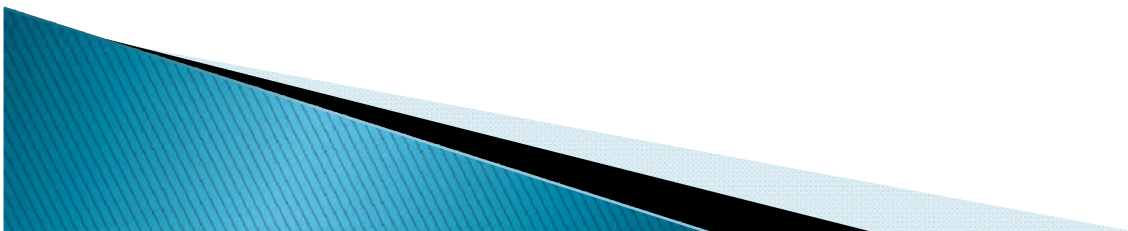
CT Findings



CT scan (98/04/08)

- ▶ Impression :

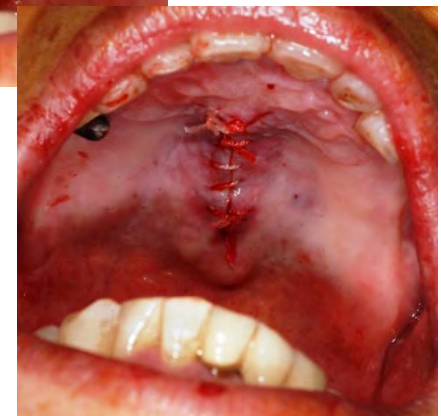
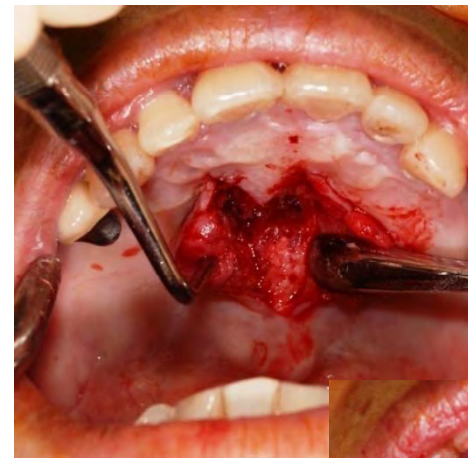
1. Malignant tumor at the right side of hard palate with direct tumor extension into the nasal cavity (more on the right), right maxillary sinus, and right pterygopalatine fossa.
2. Bony destruction at right maxillary bone, the hard palate, the inferior portion of nasal septum, and right pterygoid plates.
3. Preliminary image staging: stage IV A(T4N0Mx).



Treatment Course (1)

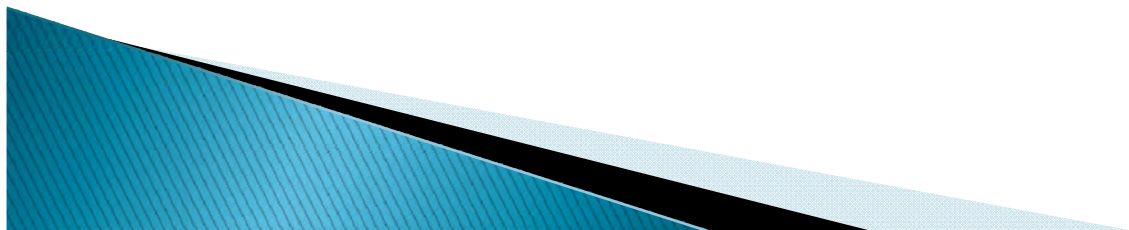
▶ 98/03/31

- Incisional biopsy (anterior mass) is performed under local anesthesia. 3 specimens were sent for H-P examination.
 - Soft tissue of flap
 - Soft tissue of bony cavity
 - Bone fragments
- Posterior mass
 - Clinical impression was torus. Patient refused any treatment.



Treatment Course (2)

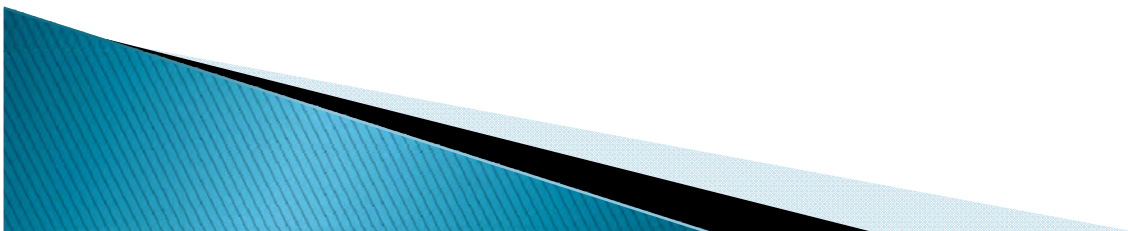
- ▶ 98/04/07
 - Suture removal
 - H-P report: adenoid cystic carcinoma
 - CT scan arrangement



Treatment Course (3)

▶ 98/04/14

- Tumor involved the nasal cavity sinus and pterygomandibular space → IMOPERABLE
- Chemotherapy and radiotherapy were arranged.



**Thank you for your
attention**

