

CASE REPORT

指導老師：

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INTERN L 組 李威誼 譚翔之 葉慶洋 林敬浦

日期：99/07/26

基本資料

- Name : 吳x綜
- Gender : 男
- Age : 38y/o
- Native: 高雄市
- 已婚
- 病歷號碼 : 26150765
- 生日 : 60/01/08
- 初診日期 : 99/06/29



Chief Complain

- A swelling mass on the right of hard palate was found 1 week



present illness

- This 39 y/o male patient found a swelling mass with a smooth surface and bluish appearance on his right of hard palate last week(99/06/28) in 長庚 hospital, driven by worriness. He came to our OPD for help.

past history

- past medical history :
尿道結石
denied medical and food allergy
- past dental history:
prosthesis fabrication
endodontic condition
extraction

personal history

- Risk factors related to malignancy

Alcohol:(+) 偶爾

Betel quid:(-)

Cigarette:(-) 已13年沒抽

family history

- No contributory to this problem

Physical examination

- smooth surface
- Pain:(-)
- Tenderness(-)
- Induration(-)
- cheesy consistency
- lymphadenopathy(-)
- mobility:Fixed
- Size:1.2*1.2cm
- color: blue
- shape: dome
- ulcer:(-)



Intraoral examination

Dental findings

- missing tooth: 18.28.37.38
- residual root: 47
- endodontic condition: 25.36

Image finding-occlusal film

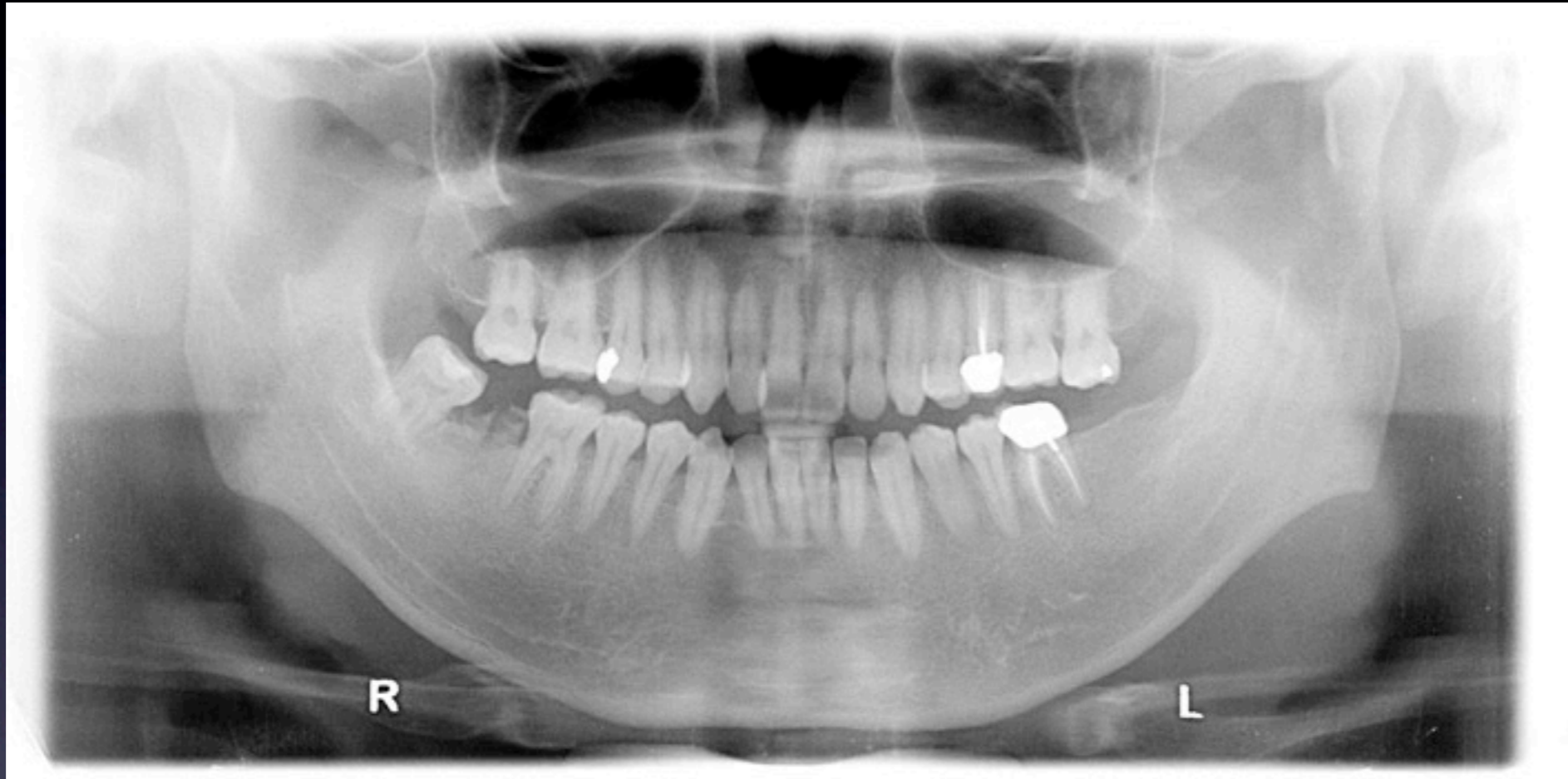
(99/06/29)

- no bony expansion
- no bony destruction



Image finding-Panorex

(99/07/14)



- Sinus: clear
- TMJ: Unremarkable
- There is a well-defined radioluopaque with an uncorticated margin extending from distal aspect of 11 to mesial aspect of 21, measuring approximately 1.0x1.0 cm.

Image finding-Panorex

(99/07/14)



Dental finding

- missing tooth: 18.28.37.38
- residual root: 47
- endodontic condition: 25.36

differential diagnosis

- Inflammation or cyst or neoplasm
Benign or malignant?
- Intrabony or peripheral?

Inflammation or cyst or neoplasm

Redness : (-)

Swelling : (+)

- Fever: (-)
- Pain : (-)
- Tenderness: (-)
- Fixed: (+)
- Induration: (-)

Neoplasm 

Benign or malignant

Pain : (-)

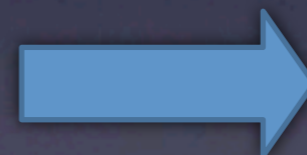
- **Tenderness : (-)**

- **Ulceration: (-)**

- **Induration: (-)**

- **Lymphadenopathy: (-)**

- **Bone invasion : (-)**



Benign

(but cannot rule out malignant)

Intrabony or peripheral

Induration: (-)

Bony destruction: (-)

- **Bony expansion: (-)**

Peripheral 

Working diagnosis

Pleomorphic adenoma

- Basal cell adenoma
- Canalicular adenoma
- Mucoepidermoid carcinoma
- Malignant mixed tumor
(carcinoma ex pleomorphic adenoma)
- Adenoid cystic carcinoma
- Polymorphous low grade adenocarcinoma
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Pleomorphic adenoma

	Pleomorphic adenoma	Our case
Age	Most common in young adult between 30-50	39
Gender	Slight female predilection	Male
Size	Variable	1.2x1.2cm
Shape	Dome	Dome
Site	60% in palate	Hard palate
Color	Normal or blue	Blue
Induration	-	-
Tenderness	-	-
pain	pain rare	-
Consistency	Firm	Rubbery
Surface	Smooth	Smooth

Basal cell adenoma

	Basal cell adenoma	Our case
Age	Can be at any aged, middle-aged (older adults), 61~70 (most)	39
Gender	female(male:female=1:2)	Male
Size	Most less than 3 cm	1.2x1.2cm
Shape	dome	Dome
Site	Parotid (75%) 1st, minor gland 2 nd	Hard palate
Color	Normal	Blue
Induration	-	-
Tenderness	-	-
Consistency	soft	Rubbery
Surface	rough	Smooth
compatible	high	high

Canilocular adenoma

	Canilocular adenoma	Our case
Age	Seventh decade of life	39
Gender	Female perdominance	Male
Size	From several millimeters to 2 cm	1.2x1.2cm
Shape	Dome	Dome
Site	Upper lip 75%	Hard palate
Color	Normal or blue	Blue
Induration	-	-
Tenderness	-	-
Consistence	Firm	Rubbery
Surface	Smooth	Smooth

Mucoepidermoid carcinoma

	Mucoepidermoid carcinoma	Our case
Age	From the second to seventh decades of life	39
Gender	Slight female predilection	Male
Size	Variable	1.2x1.2cm
Shape	Dome	Dome
Site	Most common in parotid gland	Hard palate
Color	Blue or red	Blue
Induration	-	-
Tenderness	-	-
Consistence	Firm	Rubbery
Surface	Smooth	Smooth

Malignant mixed tumor (carcinoma ex pleomorphic adenoma)

	Malignant mixed tumor	Our case
Age	Middle aged and older people (60–80 year)	39
Gender	unknown	Male
Size	Small to large	1.2x1.2cm
Shape	Dome,well circumscribed encapsuled	Dome
Site	Most on major gland if salicary glands often on hard palate	Hard palate
Color	Normal or blue	Blue
Induration	–	–
Tenderness	–	–
Consistency	firm	Rubbery
Surface	Smmoth,Sometimes ulceration	Smooth

Adenoid cystic carcinoma

	Adenoid cystic carcinoma	Our case
Age	Most common in middle- aged adults	39
Gender	Slight female predilection	Male
Size	Unspecified	1.2x1.2cm
Shape	Unspecified	Dome
Site	Most in palate	Hard palate
Color	Normal or blue	Blue
Induration	-	-
Tenderness	-	-
Consistence	Firm	Rubbery
Surface	Smooth or ulcerated	Smooth

Polymorphous low grade adenocarcinoma

	Polymorphous low-grade	Our case
Age	Older adults	39
Gender	unknown	Male
Size	Small to large	1.2x1.2cm
Shape	dome	Dome
Site	65% occure on hard palate or soft palate	Hard palate
Color	Normal	Blue
Induration	-	-
Tenderness	-	-
Consistency	soft	Rubbery
Surface	rough	Smooth

Clinical Impression

Pleomorphic adenoma, hard palate,
right.

THANKS FOR YOUR ATTENTION!