

# Case Report

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Intern L 組

指導老師：陳玉昆醫師

暨口腔病理科全體醫師

# General Data

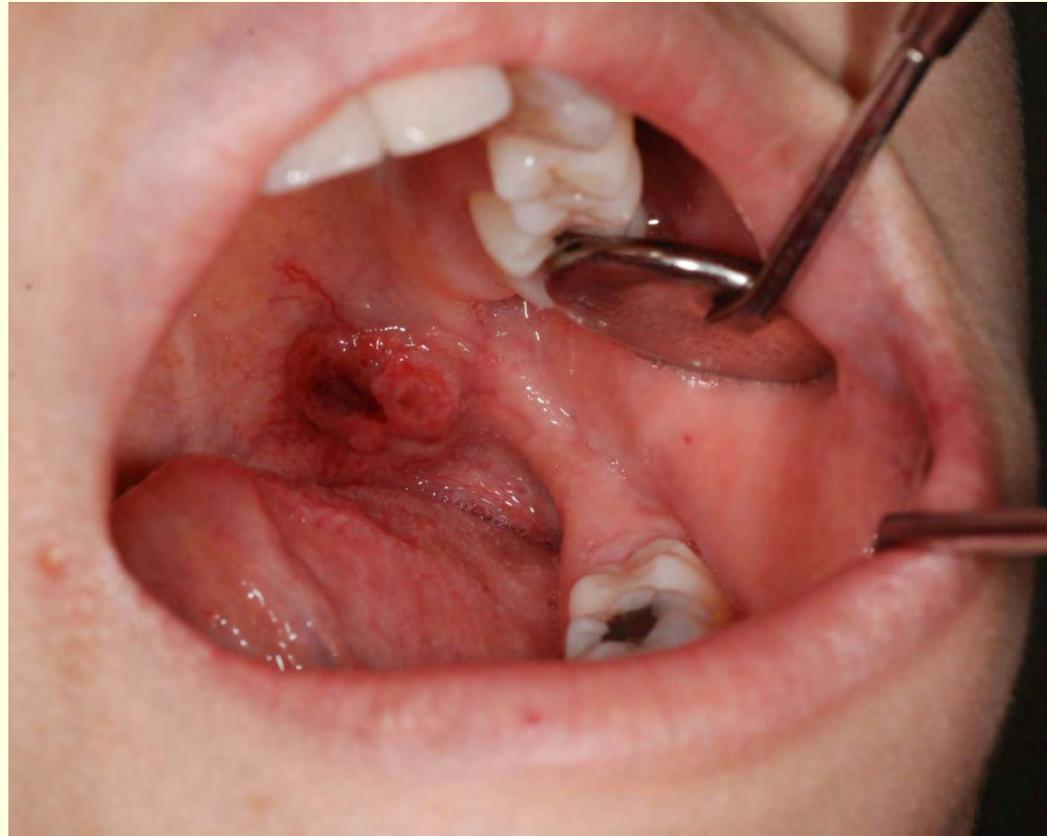
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- Name : 蔡XX
- Gender : 女
- Age : 20歲
- Occupation : 學生
- Attending VS : 吳崇維醫師
- First visit : 98.9.8

# Chief Complaint

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- A swelling mass over left palate for half year



# Present Illness

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- This 20-year-old female came to our OPD for a swelling mass over left side palate (posterior) for half a year. It would be bleeding when touched, but painless.

# Past History

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- Past Medical History
  - Deny any systemic disease
  
- Past Dental History
  - Routine dental treatment (OD)
  - Attitude : co-operative

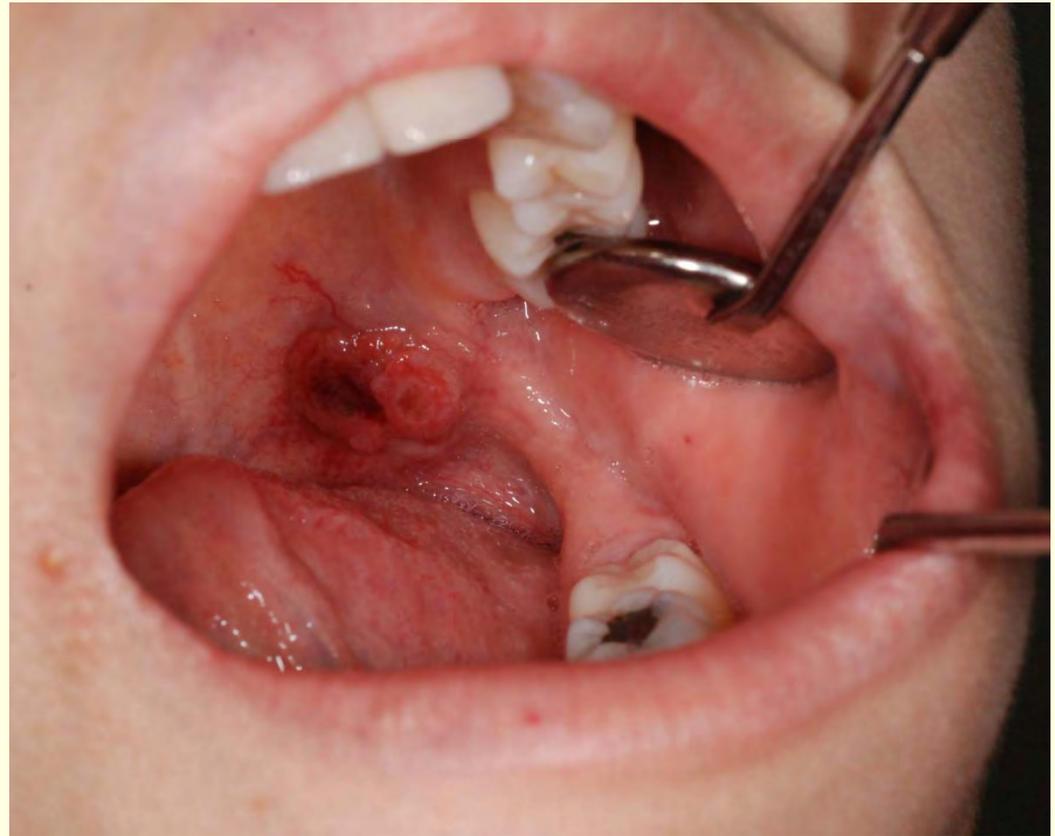
# Risk Factors

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- Alcohol : (-)
- Betel quid : (-)
- Smoking : (-)
- Other special oral habits: (-)

# Intraoral Examination

- A soft mass over left soft palate with ulcerated surface, sessile base, nodule shape, soft in consistency, red, pink, painless, fixed and measured about 1.0×1.0 cm in diameter.



# Physical Examination

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- Shape : nodule
- Mobility: fixed
- Consistency: firm
- Surface: rough
- Color: red
- Fluctuation: (-)
- Tenderness: (-)
- Pain (-)
- Induration:(+)

# X-ray finding



- Restoration: 16 、 22 、 26 、 36 、 46
- Impaction: 38 、 43 、 48
- Bony density : normal
- Condyle and sinus : normal

# Differential Diagnosis

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

# Inflammation or cyst or neoplasm

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- Redness : (+)
- Swelling : (+)
- Fever: (-)
- pain : (-)
- Tenderness: (-)
- Flucturation: (-)
- Fixed: (+)
- Induration: (+)

**Neoplasm**

# Benign or malignant

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- Ulceration: (+)
- Firm
- Pain: (-)
- Tenderness: (-)
- Induration: (+)

**malignant**

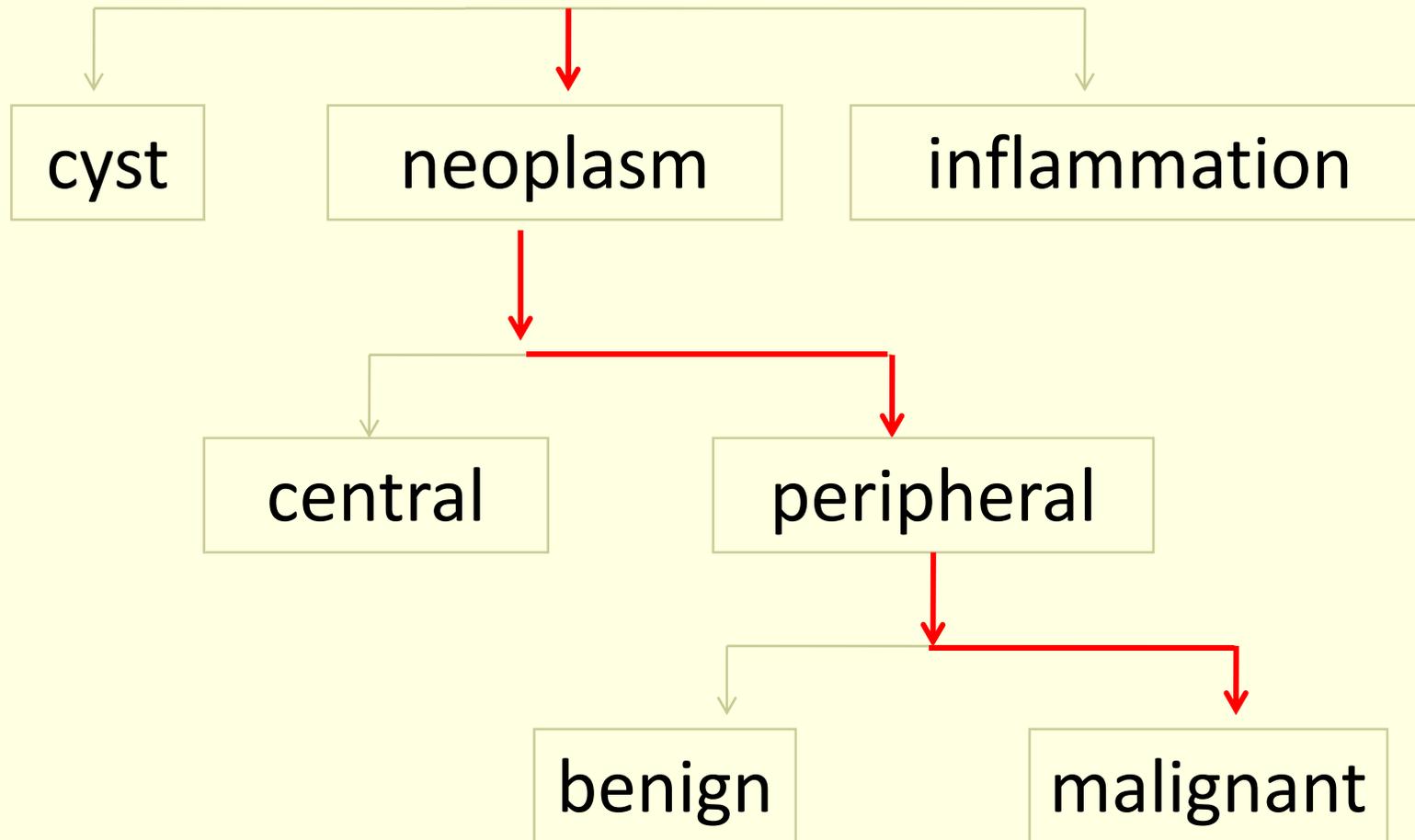
# Intrabony or peripheral

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- No evidence of bony destruction
- Induration: (+)

peripheral

# Differential Diagnosis



# Working diagnosis

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- Adenoid cystic carcinoma
- Mucoepidermoid carcinoma
- Carcinoma arising from pleomorphic adenoma
- Squamous cell carcinoma
- Metastatic malignancy

# ACC (adenoid cystic carcinoma)

	ACC (adenoid cystic carcinoma)	Our case	
Age	Middle-aged adult	20	
Gender	No specific	Female	
Site	Palate minor salivary gland	Soft palate	★
Size	Variable	1x1cm	
Shape	Dome-shape	Nodule	
Color	Red, white	Red	★
Consistence	Firm	Firm	★
Fluctuation	-	-	★
Mobility	Fixed	Fixed	★
pain	+	-	
Tenderness	-	-	★
Induration	-	+	
ulceration	+	+	★

# Mucoepidermoid carcinoma

	Mucoepidermoid carcinoma	Our case	
Age	2 <sup>nd</sup> to 7 <sup>th</sup> decade	20	★
Gender	Slightly female	Female	★
Site	Parotid gland, minor salivary gland	Soft palate	
Size	Variable	1x1cm	
Shape	Dome-shape	nodule	
Color	Blue or red	Red	★
Consistence	Soft to firm	Rirm	★
Fluctuation	Sometimes	-	
Mobility	Fixed	Fixed	★
pain	-	-	★
Tenderness	-	-	★
Induration	-	+	
ulceration	-	+	

# Carcinoma arising from Pleomorphic adenoma

	Carcinoma arising from Pleomorphic adenoma	Our case	
Age	Middle-aged and old adult	20	
Gender	<b>Female (slight predilection)</b>	<b>Female</b>	★
Site	Major gland (parotid gland)	Soft palate	
Size	variable	1x1cm	
Shape	Dome-shape	Nodule	
Color	Normal	red	
Consistence	<b>Firm</b>	<b>Firm</b>	★
Fluctuation	-	-	★
Mobility	<b>Fixed</b>	<b>Fixed</b>	★
pain	+	-	
Tenderness	-	-	★
Induration	-	+	
ulceration	<b>+</b>	<b>+</b>	★

# Squamous cell carcinoma

	Squamous cell carcinoma	Our case	
Age	Increase by age	20	
Gender	Male	Female	
Site	Lip, buccal mucosa	Soft palate	
Size	Variable	1×1 cm	
Shape	Irregular	<b>Nodule</b>	
Tenderness	Unspecified	-	
Ulceration	<b>+</b>	<b>+</b>	★
color	<b>White and red</b>	<b>Red</b>	★
consistency	Unspecific	<b>Firm</b>	
fluctuation	-	-	
mobility	<b>Fixed</b>	<b>Fixed</b>	★
Pain	<b>+</b>	-	★

# Metastatic malignancy

	Metastatic malignancy	Our case	
Age	Middle/ older age (50~70)	20	
Gender	Male	Female	
Site	Gingiva/alveolar mucosa/tongue/soft palate	Soft palate	★
Size	Unspecific	1x1 cm	
Shape	Polymorphous(dome)	Nodule	
surface	Smooth	Rough	
Tenderness	Unspecific	-	
Color	White and red	Red	★
consistence	Firm	Firm	★
Fluctuation	-	-	★
Mobility	Fixed	Fixed	★
Pain	-	-	★
Induration	+	+	★
Ulceration	+	+	★

# Clinical impression

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**Mucoepidermoid carcinoma,  
Left soft palate**



Thanks for your attention



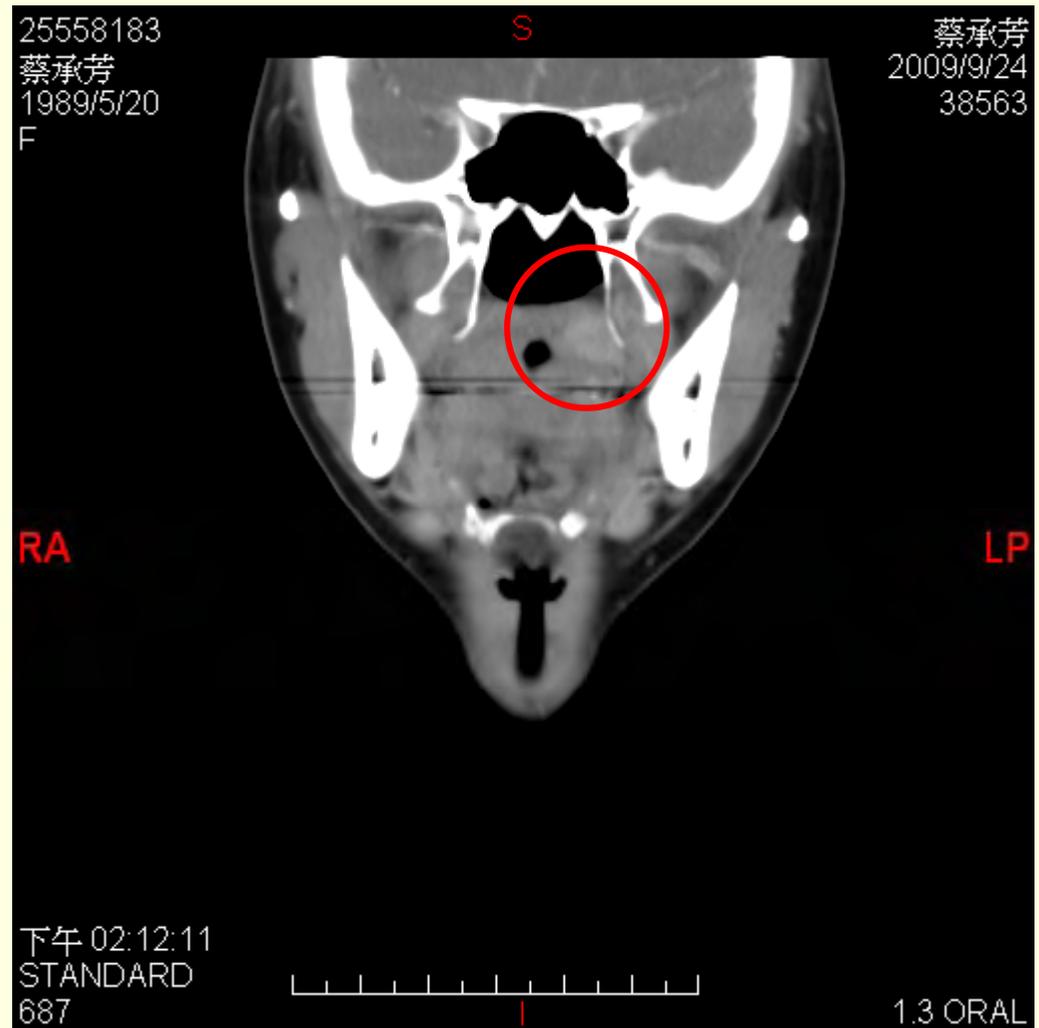
# CT finding – Axial view

- There is a well-defined soft tissue mass (1.44cm x 1.17cm x 1.12cm) located in the left aspect of the soft palate with moderate enhancement



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Happy Teacher's Day!!