



# 口腔病理診斷科

## Case report

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報告組別 D91 實習J組

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# General data

- Name : 呂X凱
- Sex : male
- Age : 54 y/o
- Native : 高雄市
- Marital status : married
- First visit : 2008.03.19
- Attending VS: 陳中和 VS



# Chief complaint

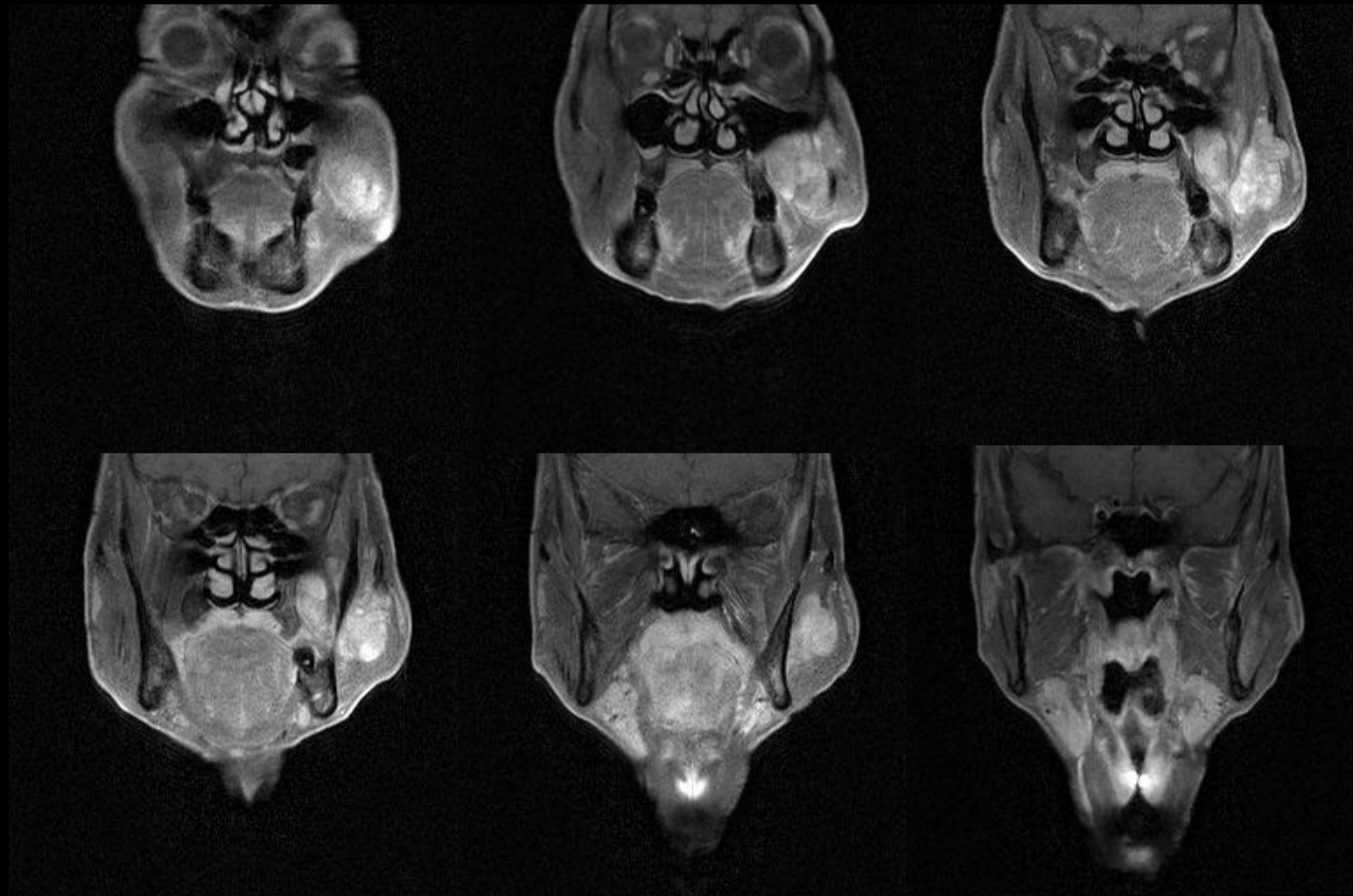
- A painless and swelling mass over left cheek for 10 years.



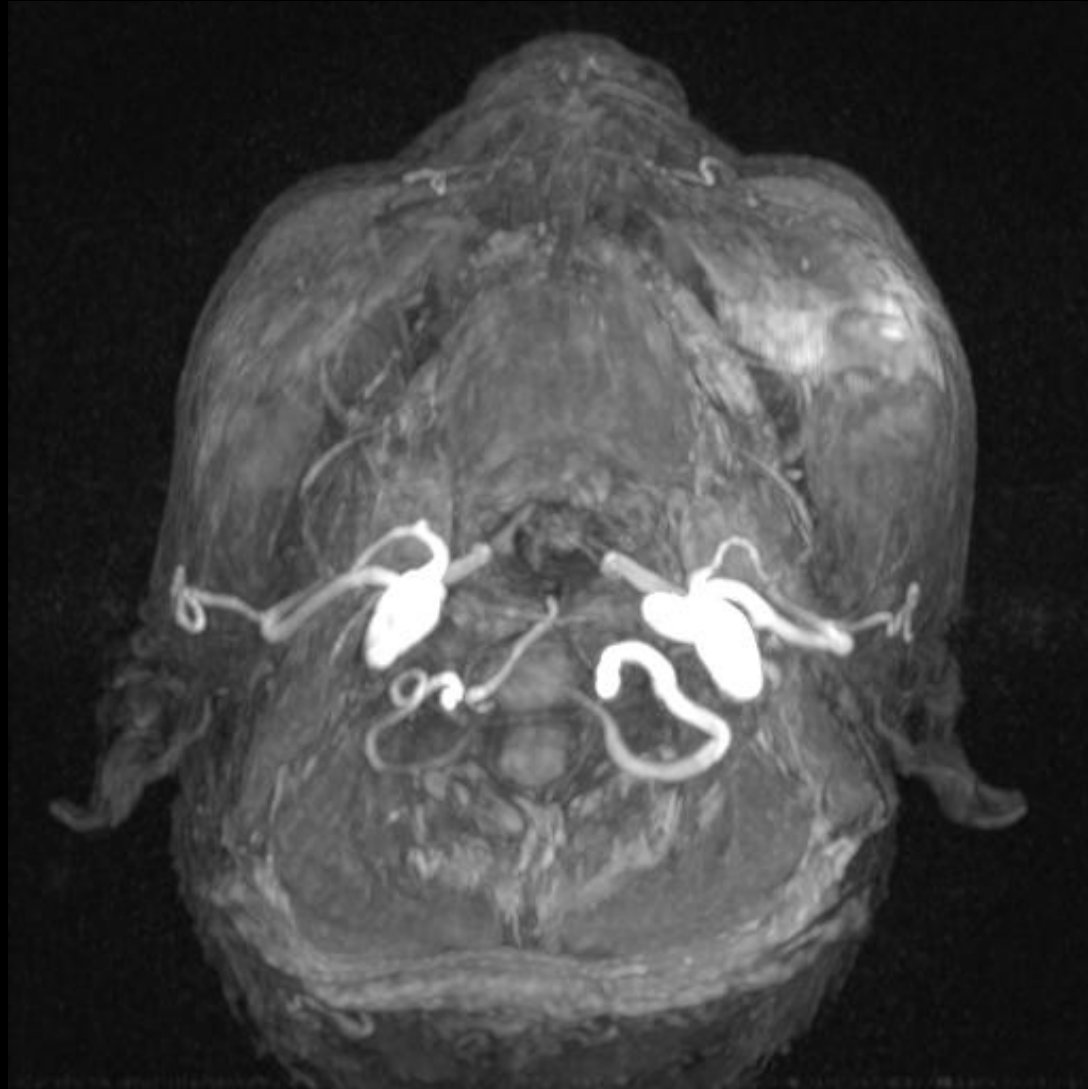
# Present illness

- This 54 y/o male patient found a slowly progressive painless swelling mass over left cheek for about 10 years.
- About 4 years ago, he went to 高長H. for further evaluation. He received MRI there. Because of the painless lesion, he didn't go back for the MRI report and further treatment.

# MRI-Coronal T1WE+FS (930718)



# MRI-Coronal T1WE+FS (930718)



## Present illness(cont.)

- Recently he felt intermittent and dull pain over that area and the mass started to affect his routine living. On 2008/03/03, he went to 小港hospital for help and incisional biopsy was performed by Dr. 許瀚仁. However, the specimen was insufficient for the definite diagnosis.
- On 2008/03/19, he came to our OPD for further treatment.

# Past history

- Past Medical History
  - GI history
  - Denied any drug and food allergy
- Past Dental History
  - Extraction
  - Prosthesis fabrication



# Personal history

- Risk factors related to malignancy
  - Alcohol : (+) ,socially ,2~3 bottles(beer)/week for 30 years, persisted
  - Betel quid : (+),15 nuts/day for 10+ years ,quit for 1 month
  - Cigarette : (+) ,4~5支/day for 30 years, persisted
  - Denied for any other oral hobby

# Family history

- No contributory to this problem
- Family support: good



# Physical examination

- Fever or local heat (-)
- Lower lip paresthesia(-)
- Lymphadenopathy(-)

# OMF examination

- Smooth surface
- Intermittent Pain(+) (1/10)
- Tenderness(-)
- Induration(-)
- Firm in consistency
- Swelling extend to the upper left edentulous ridge
- Fixed in position
- Size: 8x7 cm
- MMO: 37mm





# Intraoral examination

## Dental findings

- Missing: tooth 22, 26, 27, 46, 48
- C&B: 21X23
- Residual root: tooth 18



# Image finding-Panorex(97/03/19)



# Differential diagnosis



# Inflammation or cyst or neoplasm

- Local heat(-)
- Pain(+/-)
- Firm(+)
- Fixed(+)
- Fluctuation(-)
- Induration(-)
- Tenderness(-)
- Pus discharge(-)

Neoplasm



# Benign or malignant

- Slowly growing
- Fixed(+)
- Induration(-)
- Ulceration(-)
- Lymphadenopathy (-)
- Pain(+/-)

Benign

# Intrabony or peripheral



Peripheral

# Working diagnosis

*neoplasm*

*benign*

*peripheral*

1. Pleomorphic adenoma
2. Schwannoma
3. Fibroma
4. Neurofibroma
5. Warthin tumor

	<b>Pleomorphic adenoma</b>	<b>Our case</b>
Gender	Slight <b>female</b> predilection	Male
Age	Any age , common 30~50	54 y/o
Site	Palate(minor most)	left cheek
Frequency	most in salivary tumor	unspecific
Size	Unspecific	8x7 cm
Color	Red	Red
Shape	Dome shape	Dome shape
Surface	smooth	Smooth
Consistency	Firm	Firm
Pain	Pain rare	Pain(+/-)
Ulcer	(-)	(-)
Induration	(-)	(-)
Tenderness	(-)	(-)
Mobility	<b>Mobile to fixed(slowly)</b>	fixed
Duration	Slowly glowing	Slowly growing



	<b>Schwannoma</b>	<b>Our case</b>
Gender	unspecific	Male
Age	Young and middle-age adults	54 y/o
Site	tongue (most)	left cheek
Frequency	uncommon	unspecific
Size	Few mm to several cm	8x7 cm
Color	Red	Red
Shape	Nodular	Dome shape
Surface	smooth	Smooth
Consistency	Firm	Firm
Pain	Pain(+/-)	Pain(+/-)
Ulcer	(-)	(-)
Induration	(-)	(-)
Tenderness	(+/-)	(-)
Mobility	fixed	fixed
Duration	Slow-growing	Slowly growing

	<b>Fibroma</b>	<b>Our case</b>
Gender	<b>Female</b>	Male
Age	4 <sup>th</sup> ~5 <sup>th</sup> decades	54 y/o
Site	Buccal mucosa	left cheek
Frequency	Most common in oral cavity	unspecific
Size	Usually <b>1.5 cm or less</b>	8x7 cm
Color	Pink	Red
Shape	<b>Nodule</b>	Dome shape
Surface	Smooth	Smooth
Consistency	Firm	Firm
Pain	(-)	Pain(+/-)
Ulcer	(-)	(-)
Induration	(-)	(-)
Tenderness	(-)	(-)
Mobility	fixed	fixed
Duration	Slowly growing	Slowly growing

	Neurofibroma	Our case
Gender	unspecific	Male
Age	Young adult	54 y/o
Site	Most in Skin, oral: tongue, buccal mucosa	left cheek
Frequency	Most common of peripheral neoplasm	unspecific
Size	small nodules to larger masses	8x7 cm
Color	Red	Red
Shape	Nodular	Dome shape
Surface	Smooth	Smooth
Consistency	Firm	Firm
Pain	(-)	Pain(+/-)
Ulcer	(-)	(-)
Induration	(-)	(-)
Tenderness	(-)	(-)
Mobility	fixed	fixed
Duration	Slowly growing	Slowly growing

	Warthin tumor	Our case
Gender	Male	Male
Age	older adults, 60~70 (most)	54 y/o
Site	Tail of parotid gland near the angle of the mandible 5—14% is bilateral	left cheek
Frequency	Rare (minor gland)	unspecific
Size	unspecific	8x7 cm
Color	unspecific	Red
Shape	nodular	Dome shape
Surface	unspecific	Smooth
Consistency	Firm to fluctuant	Firm
Pain	(-)	Pain(+/-)
Ulcer	(-)	(-)
Induration	(-)	(-)
Tenderness	(-)	(-)
Mobility	movable	fixed
Duration	Slowly growing	Slowly growing

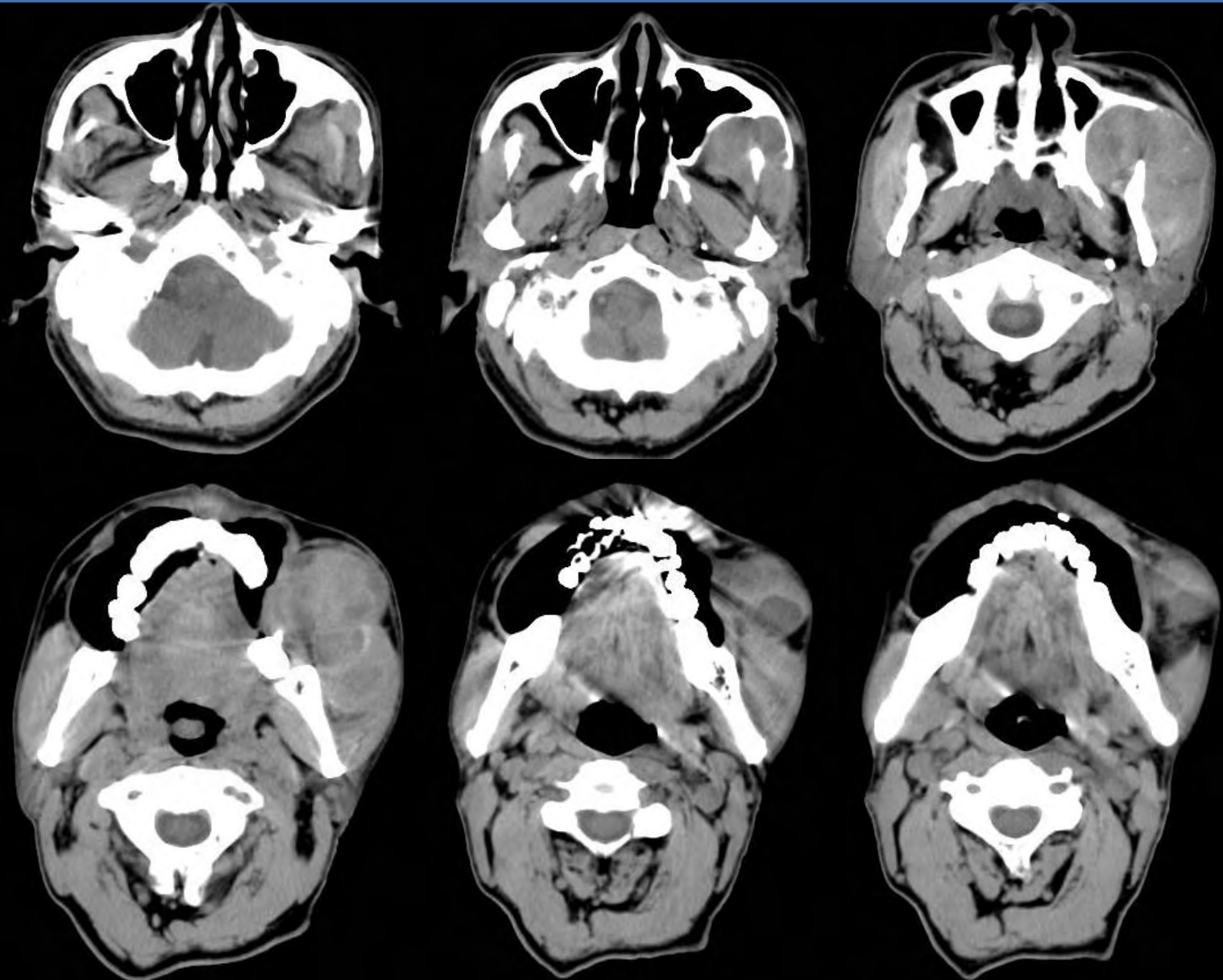


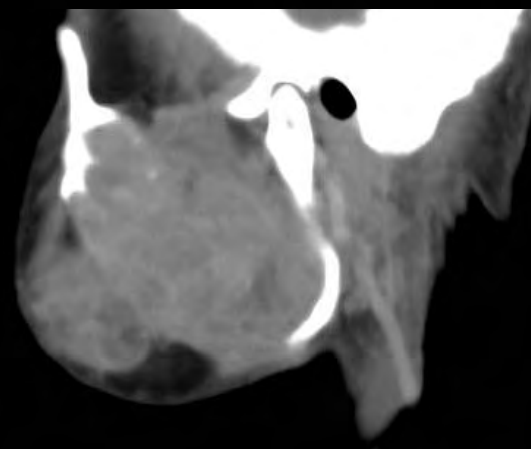
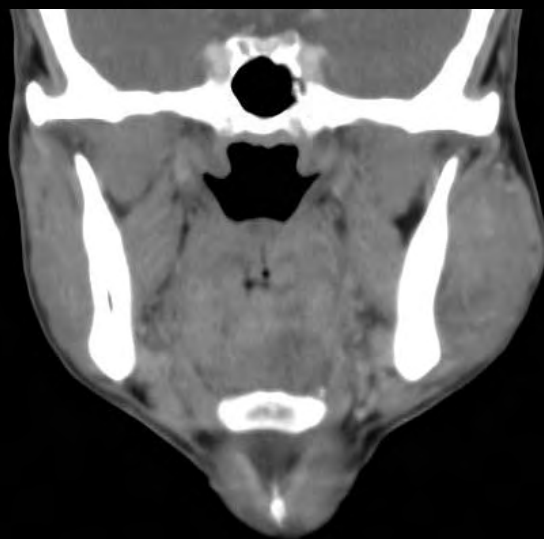
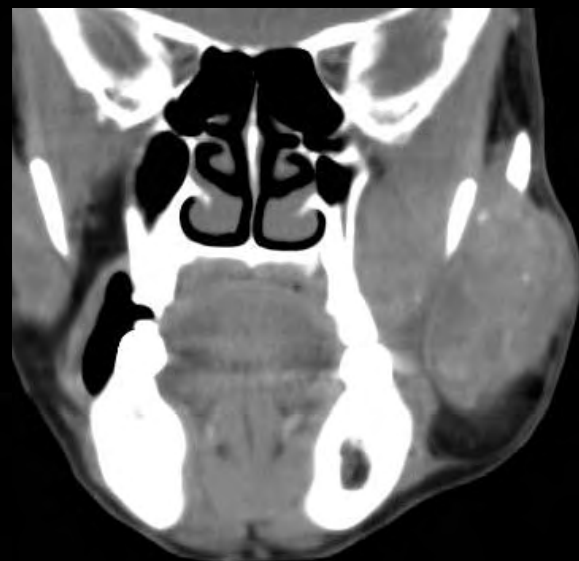
# Clinical impression

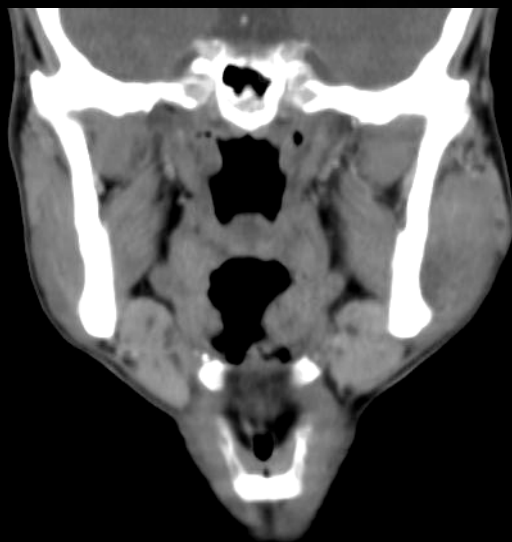
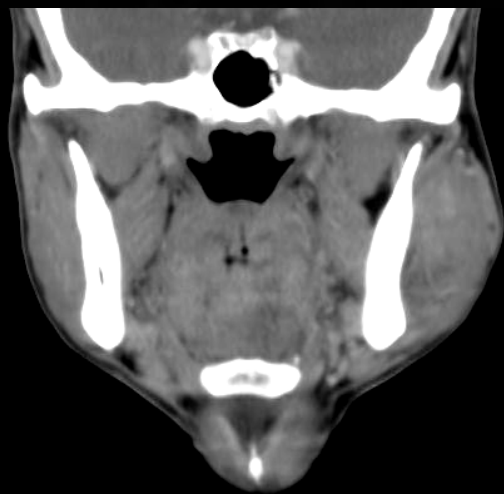
- Pleomorphic adenoma, left cheek



# Image finding-CT (97/04/15)







# CT-oral

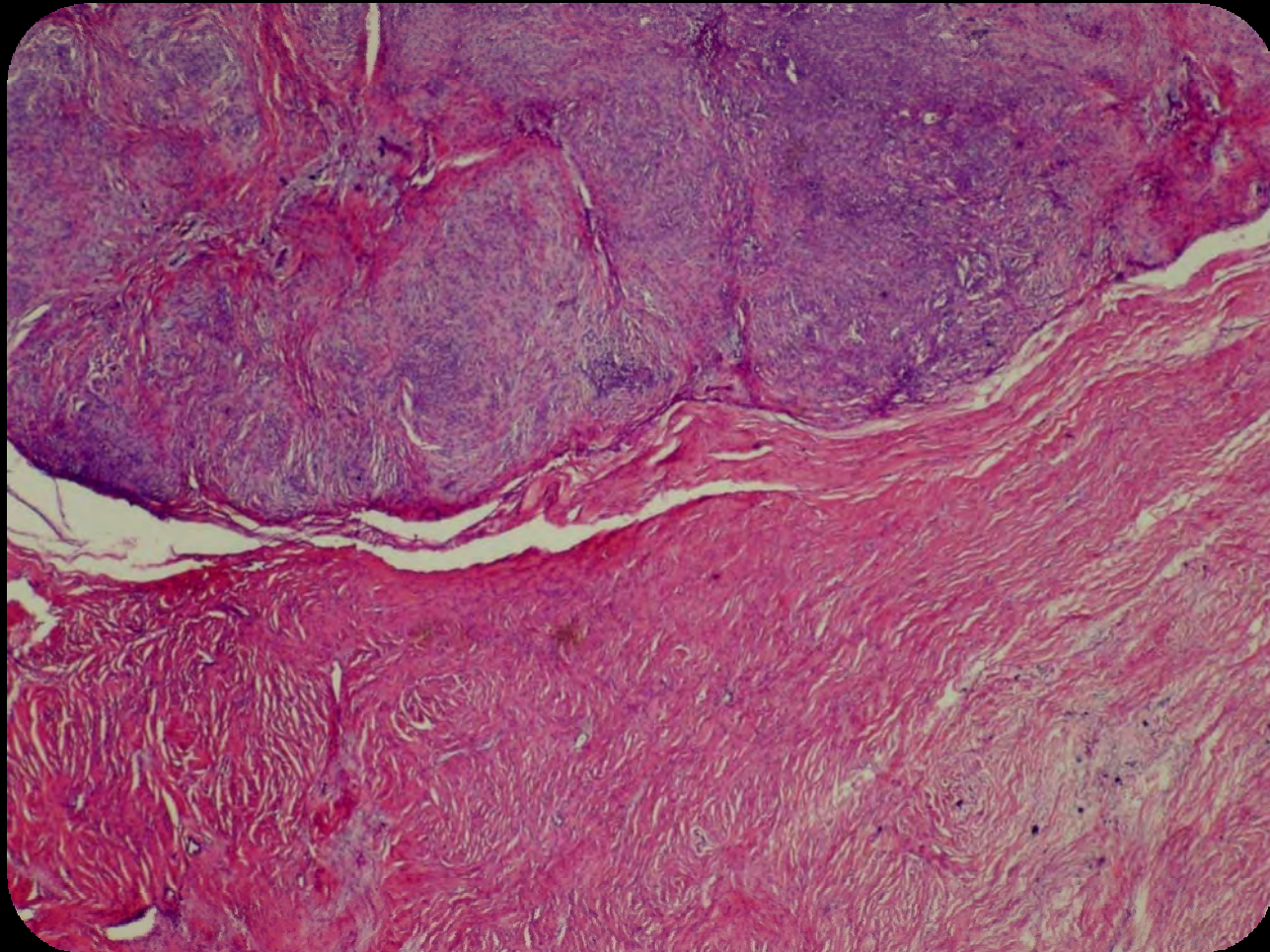
- There is a soft tissue mass in the left masticator space and infratemporal fossa with compression of the posterior wall of left maxillary sinus without bony destruction.
- The size is about 6.0x4.2x5.0 cm<sup>3</sup>.
- No enlarged lymph node can be identified.
- The airway is patent.



A scenic landscape photograph featuring a wide river or lake in the foreground, reflecting the warm, golden light of a low sun. The sun is positioned in the upper left quadrant, partially obscured by dark, heavy clouds. The sky transitions from a deep blue at the top to a bright orange and yellow near the horizon. The river flows from the foreground towards the horizon, flanked by dark, silhouetted hills and vegetation. The overall mood is serene and peaceful.

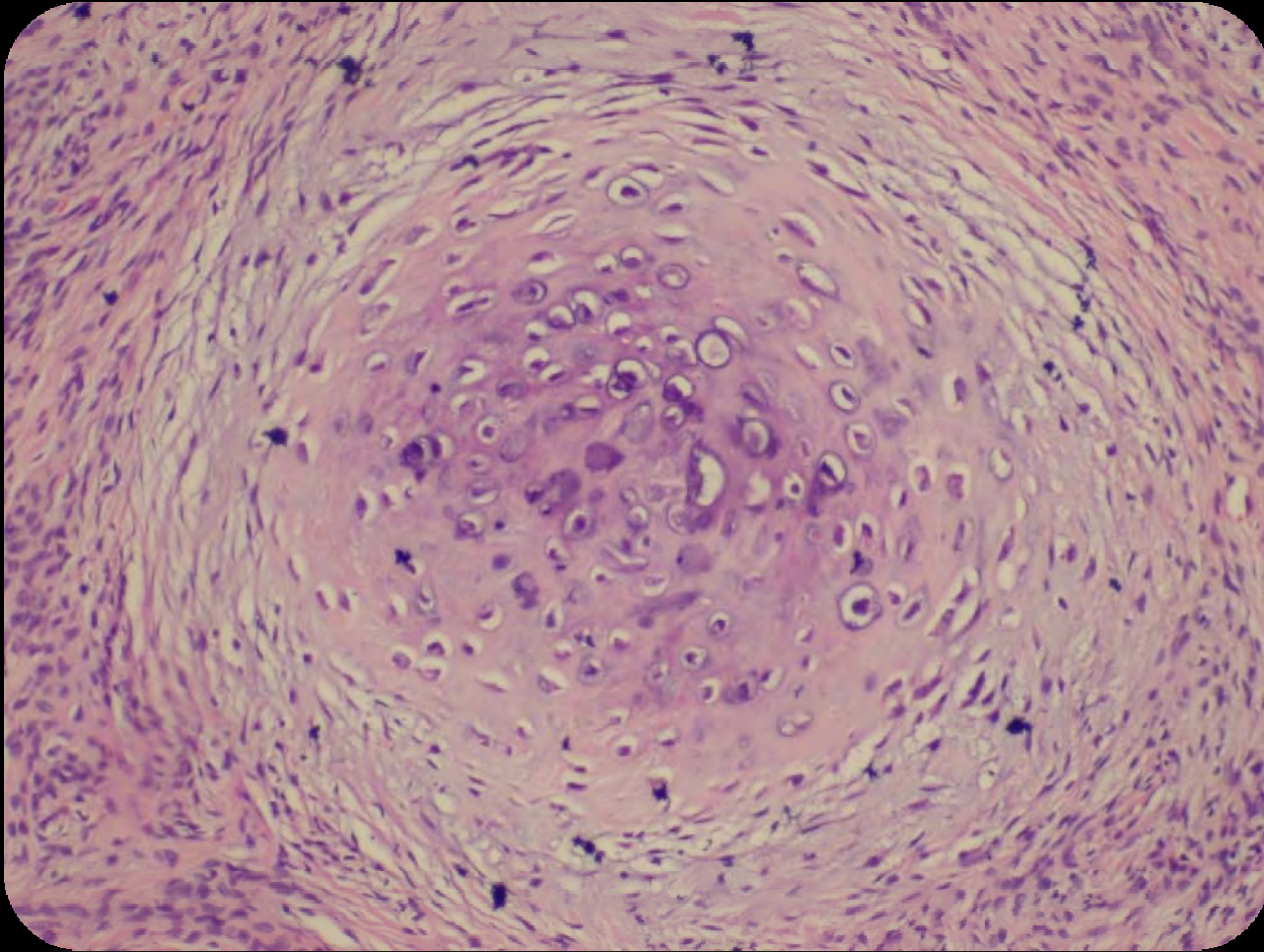
# H-P report

- Fibrous tissue and myoepithelial islands

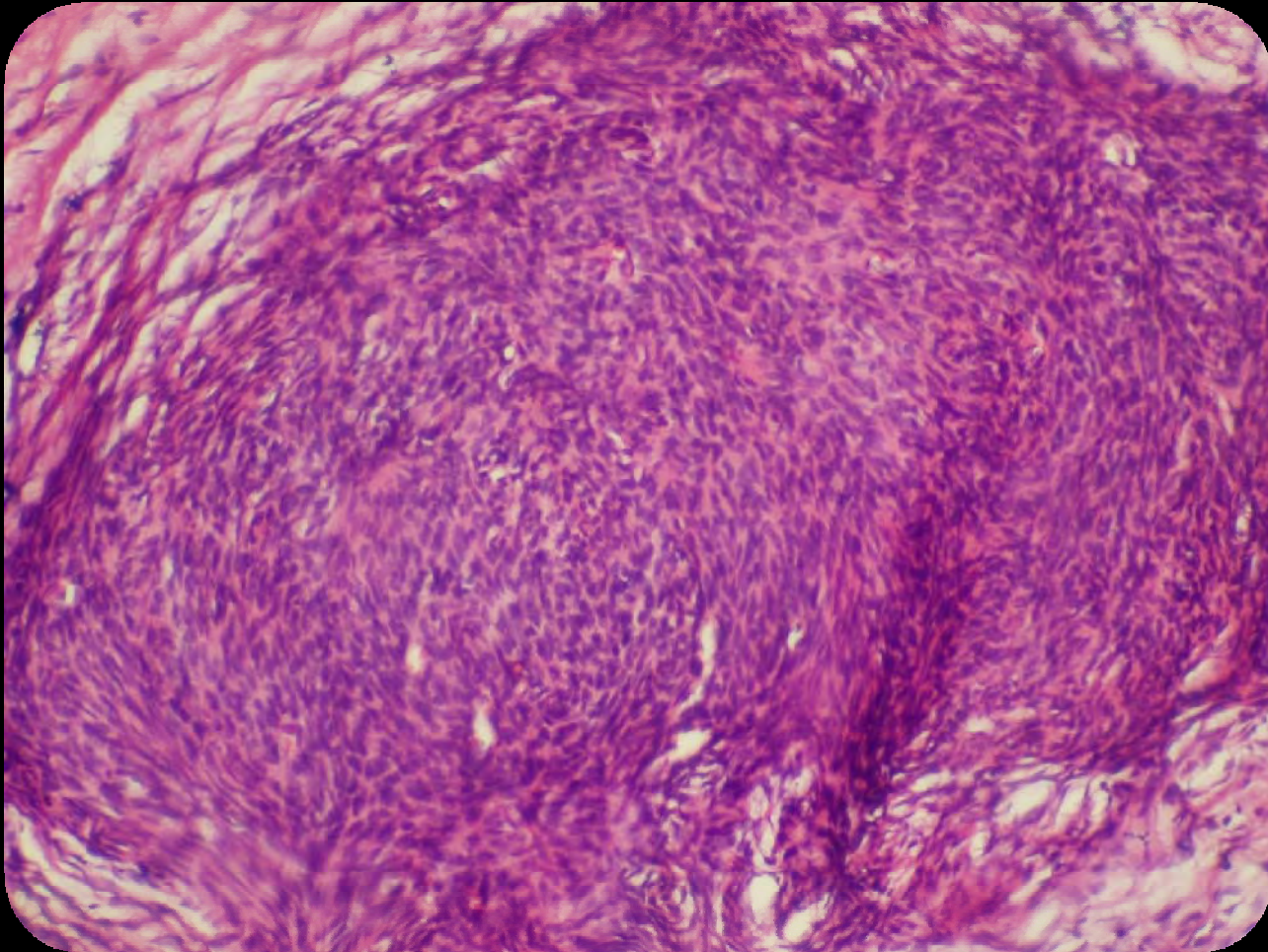




- Chondroid tissue

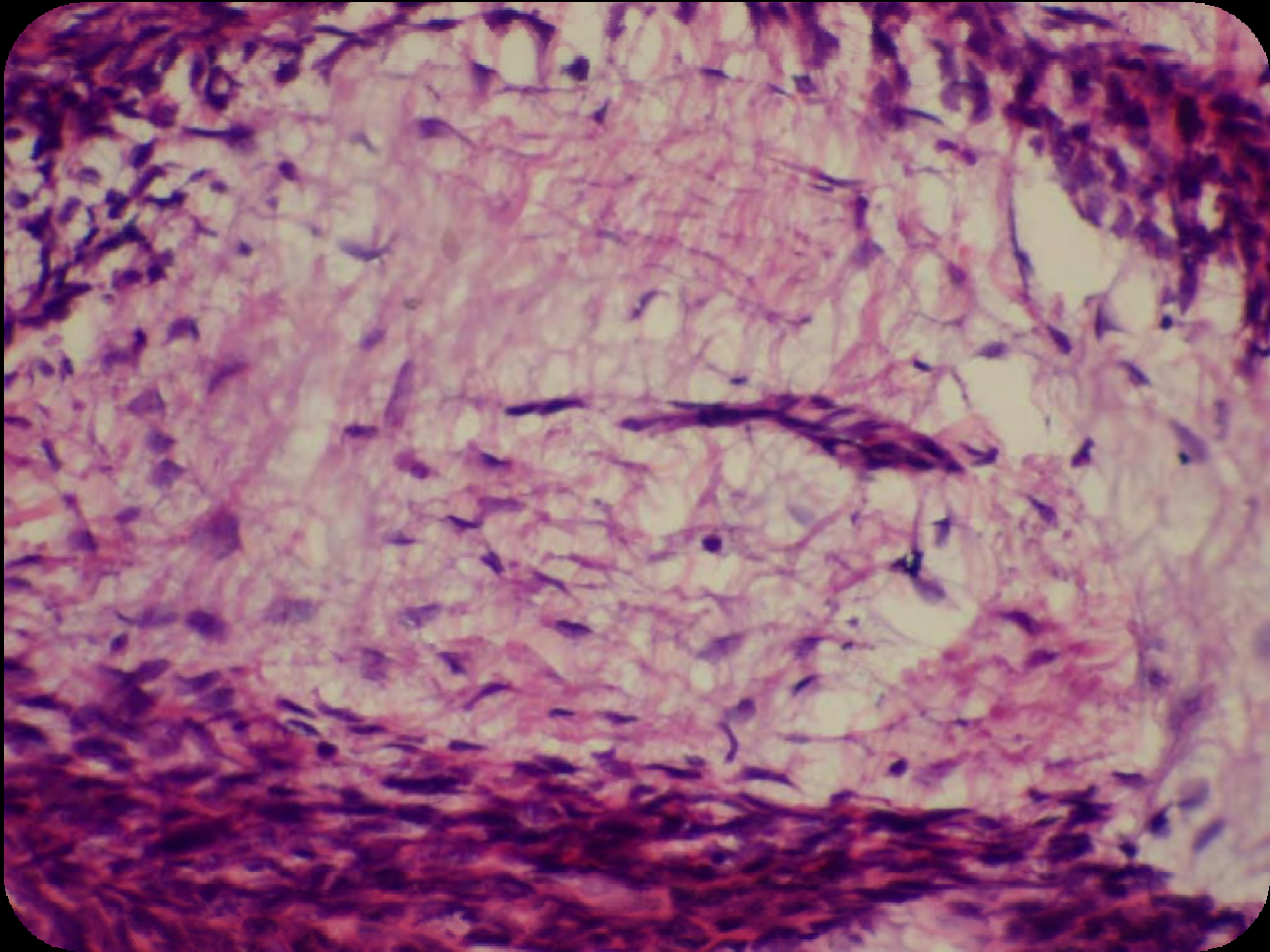


- High cellular myoepithelial cells





- Myxomatous tissue





# Final impression

- Pleomorphic adenoma, left cheek



Thanks for your attention!

