

# Case 1

- ❖ **Name :** 何xx
- ❖ **Gender :** Female
- ❖ **Age :** 12 y/o
- ❖ **V.S. :**
  - 蕭思郁 醫師
  - 吳崇維 醫師
- ❖ **First visit :**
  - Pedo - 90.10.04
  - OS - 97.07.11



# **Chief Complaint**

- ❖ Referred from Pedo. Dept to OS OPD for further management of a radiolucent lesion over right mandibular body.**

# **Present Illness**

- ❖ This 12 y/o female patient went to our Pedo OPD on 97.07.11 for oral examination. Swelling over teeth 43, 44 area and a radiolucent lesion at right mandibular body was noted on panoramic film. Then she was referred to OS OPD for further treatment.**

# Past History

## ❖ Past Medical History

**Systemic disease:**

- 1. Ventricular septal defect s/p OP**
- 2. Congenital diaphragmatic hernia s/p repair (85/05/20)**
- 3. mild mental and language delay**

**Drug allergy: denied**

## ❖ Past Dental History NP

## ❖ Personal habit A(-), B(-), C(-)



# Oral Examination

- ❖ **Swelling at right mandibular body and symphysis area ( 41-85)**
- ❖ **Pain(–)**
- ❖ **Tenderness(-)**
- ❖ **Buccolingual bony expansion(+)**
- ❖ **Covering mucosa: intact**



# Panorex 97.09.01



# **Clinical Impression**

- ❖ Dentigenous cyst over right mandibular body and symphysis area**

# **Treatment Course**

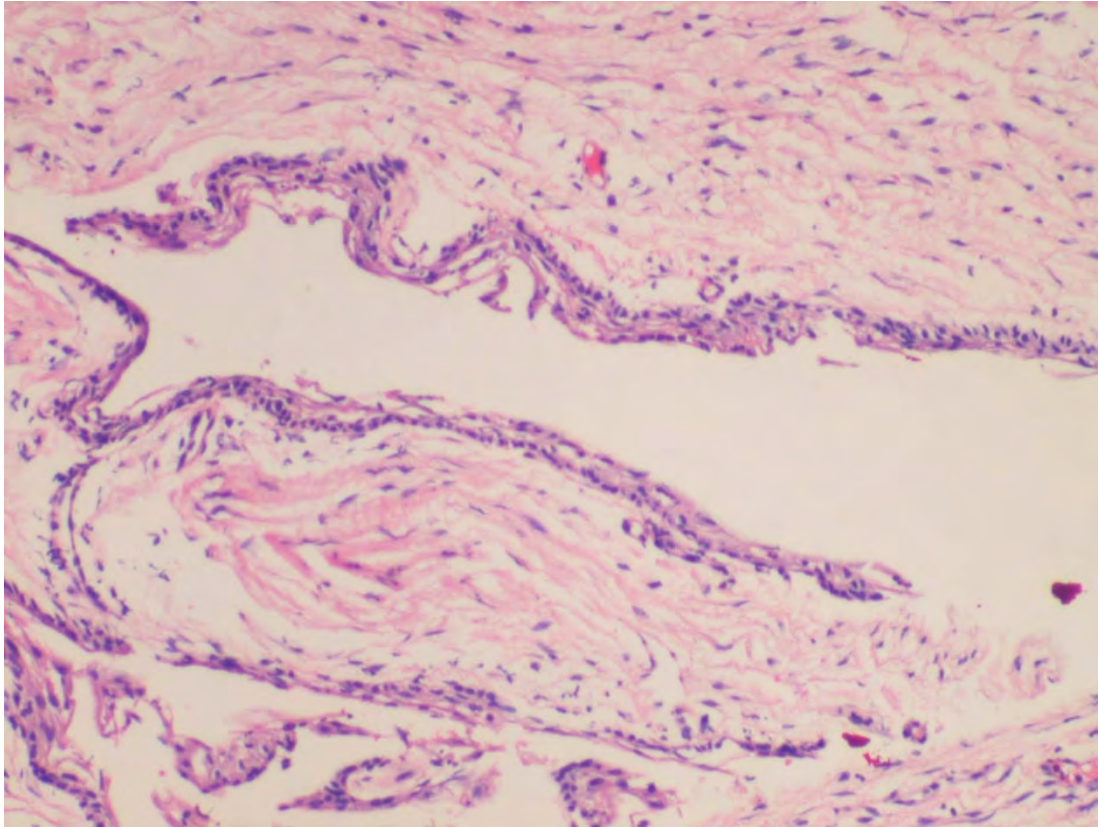
## **❖ 97.09.01**

- 1. Treatment: incisional biopsy, 85 extraction and decompression**
- 2. Findings: bony destruction(+), yellowish clear fluid noted.**

## **❖ 97.11.04 CT**

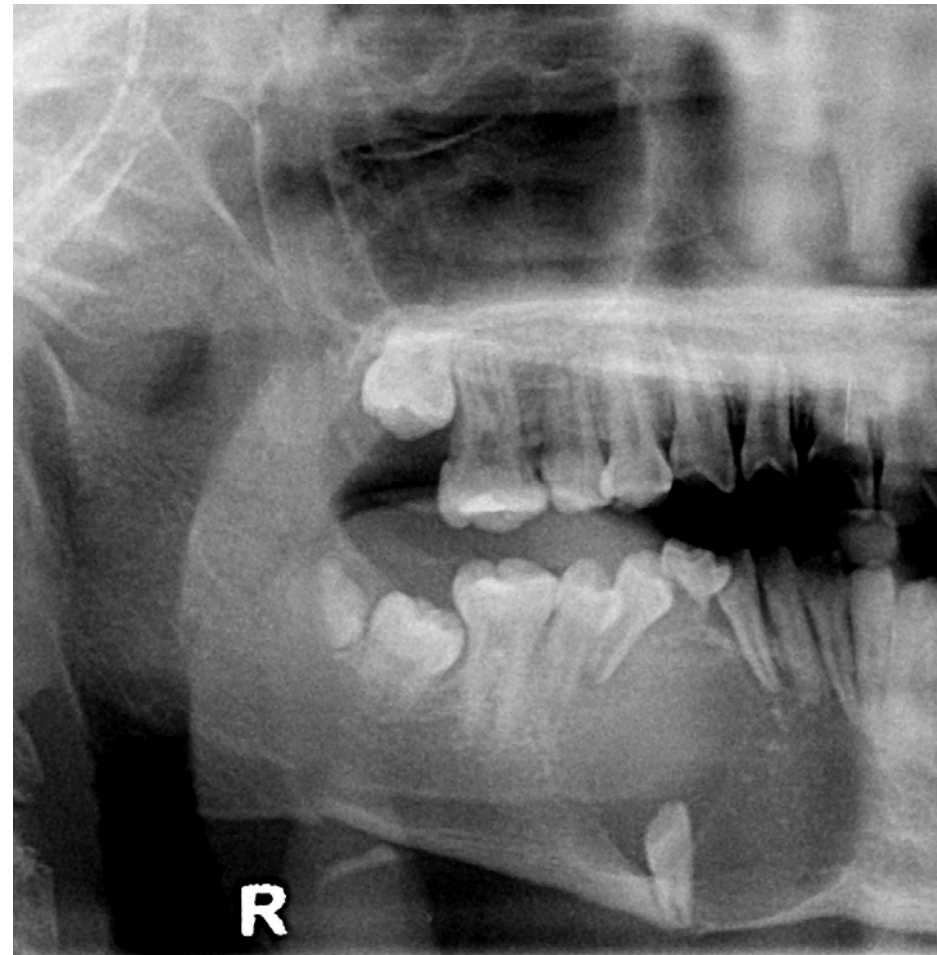
## **❖ 97.12.26 Enucleation under GA**

# Microscopic Findings



**HP report: dentigerous cyst over impacted 43**

# Decompression – 1 month

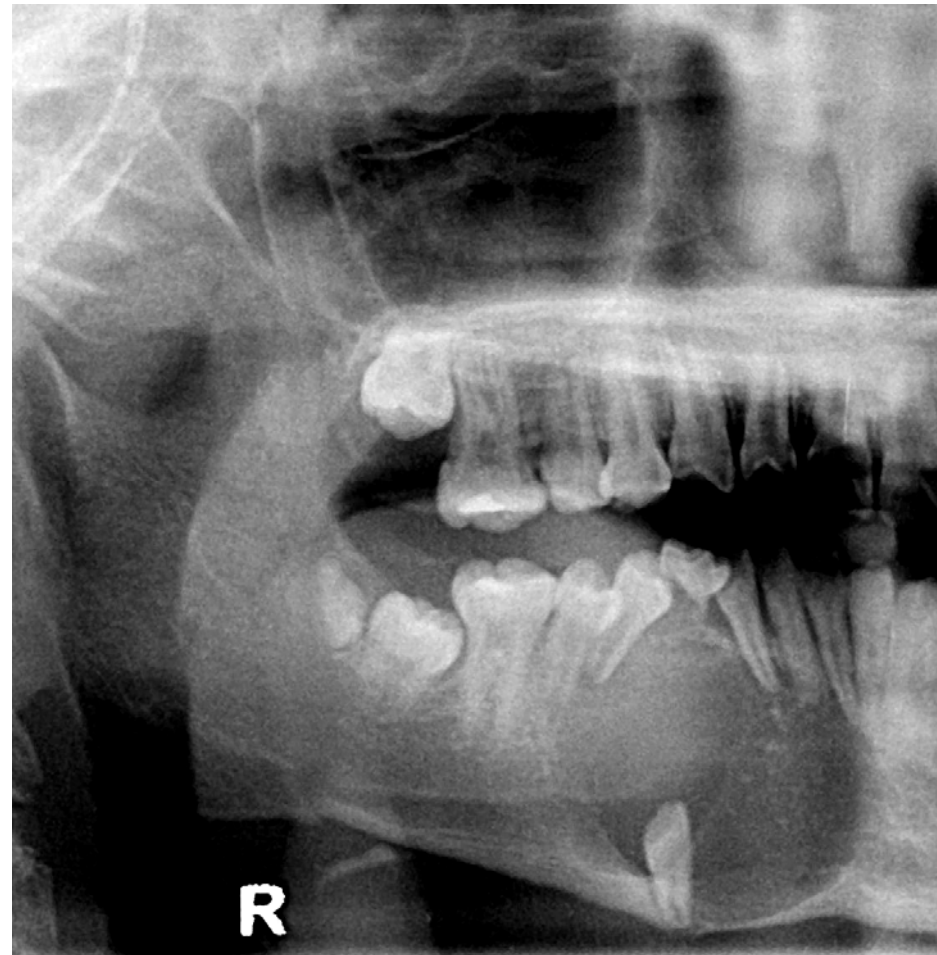


97.09.01

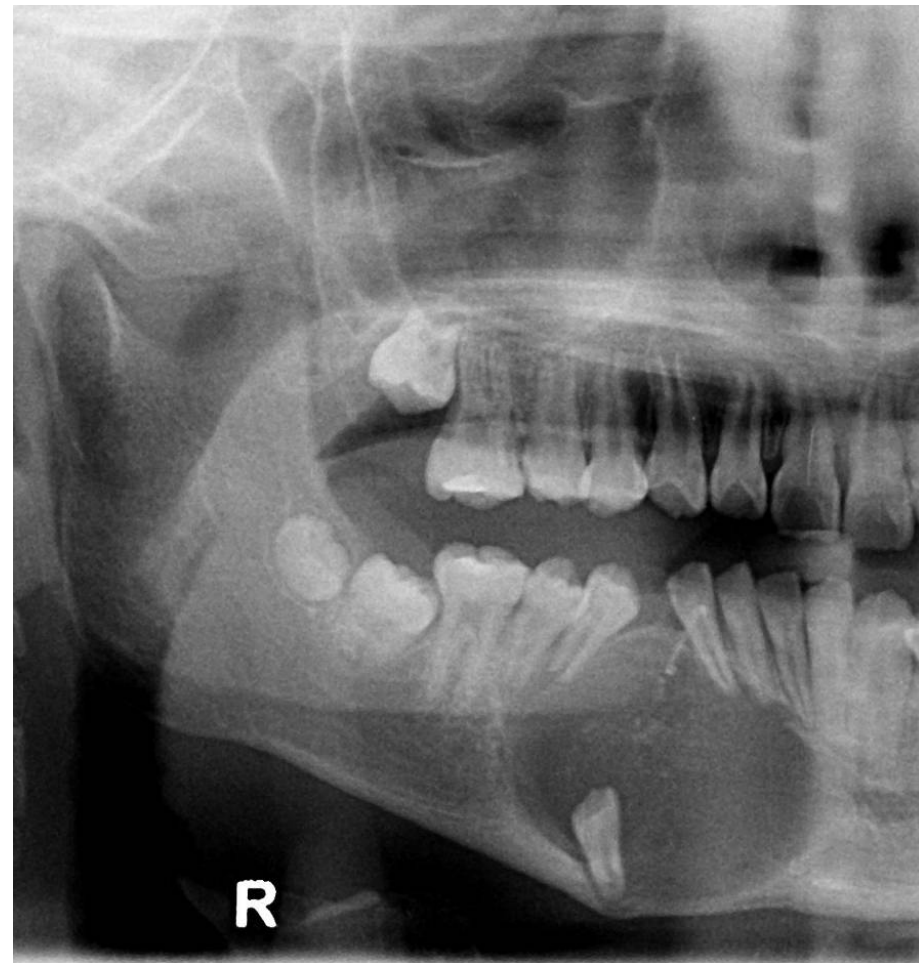


97.10.03

# Decompression – 2 months



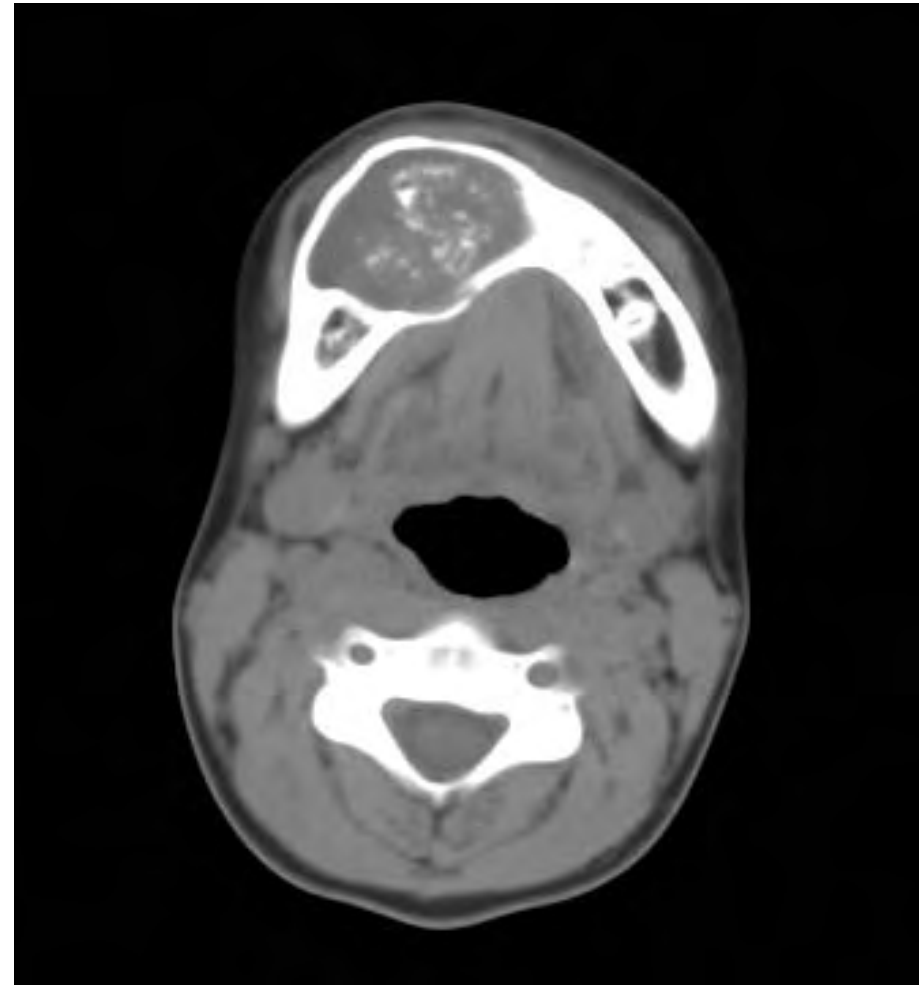
97.09.01



97.10.31



# CT Image 97.11.04





# Skull Film 97.12.16

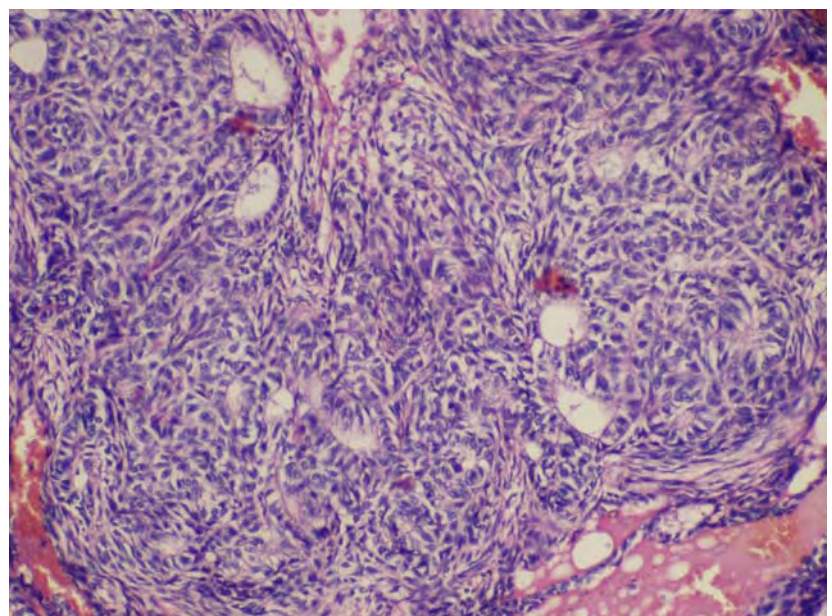
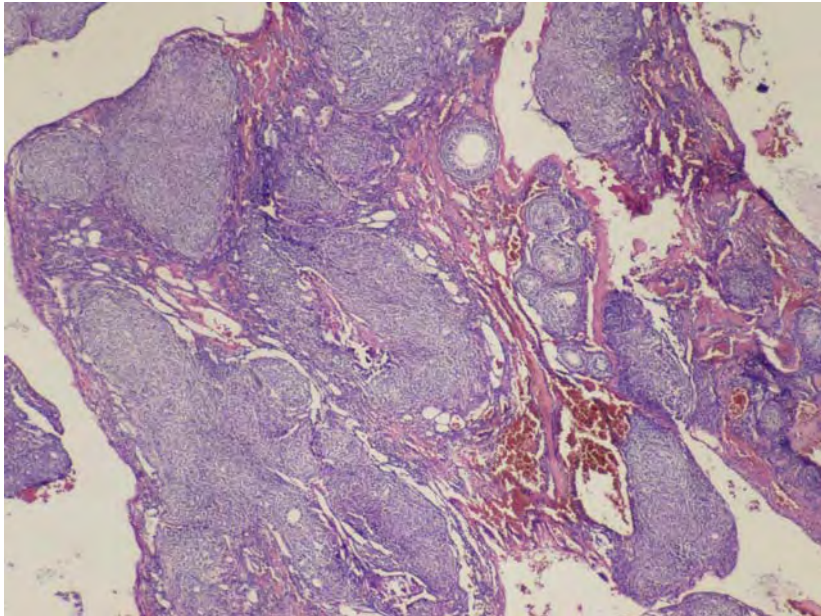
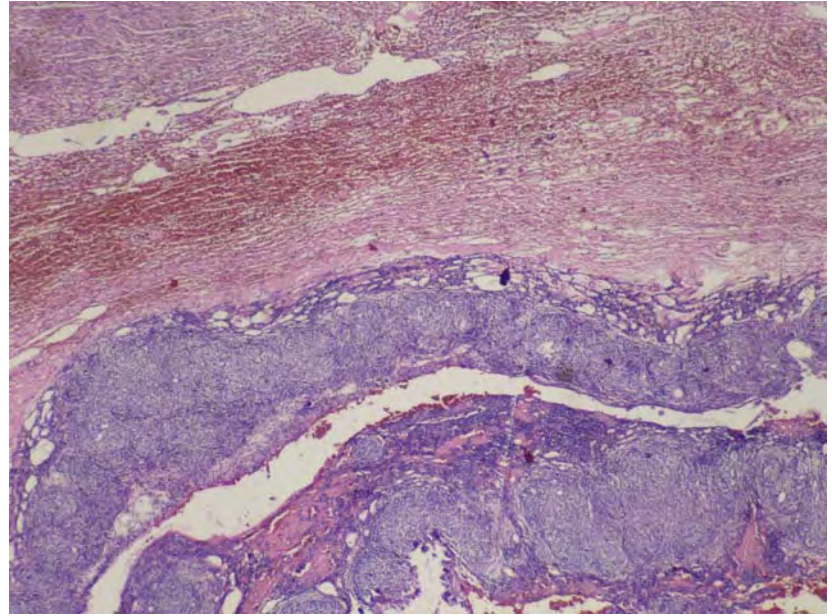
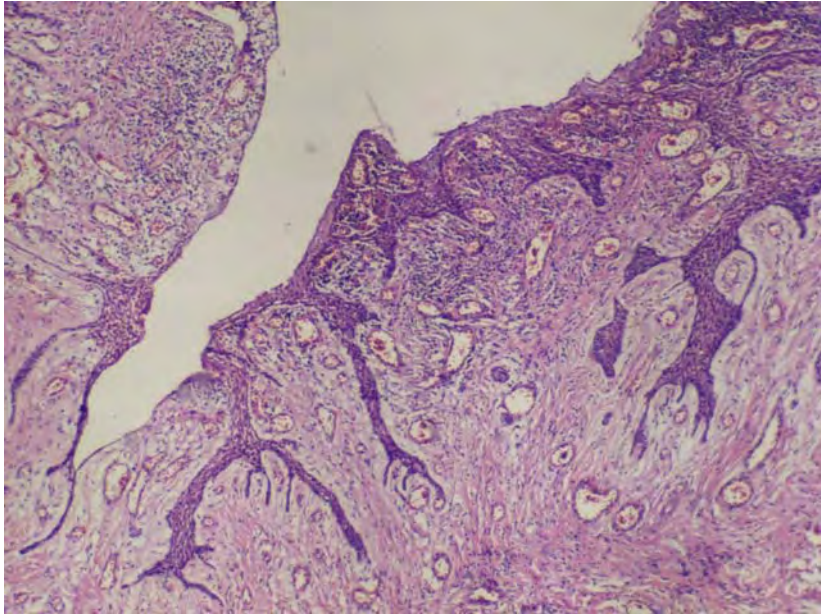
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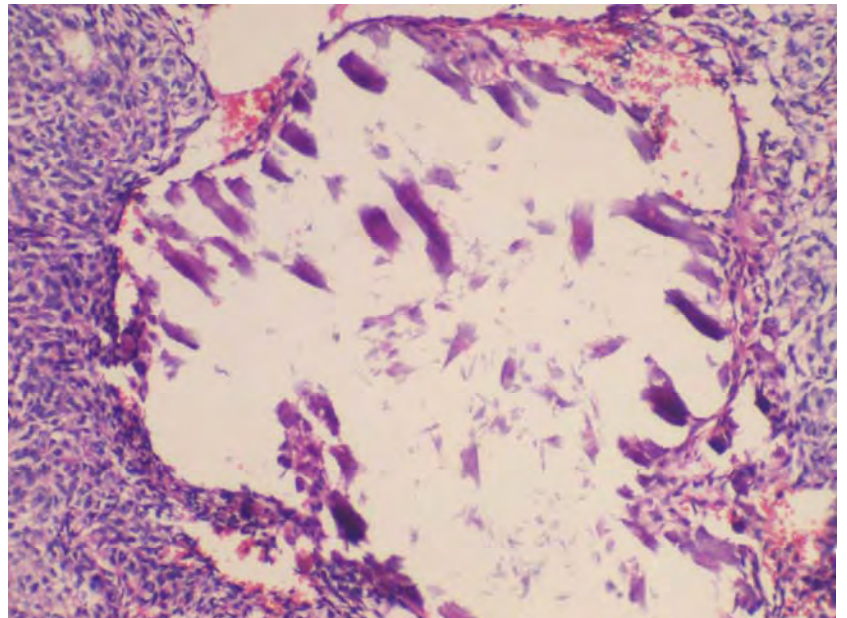
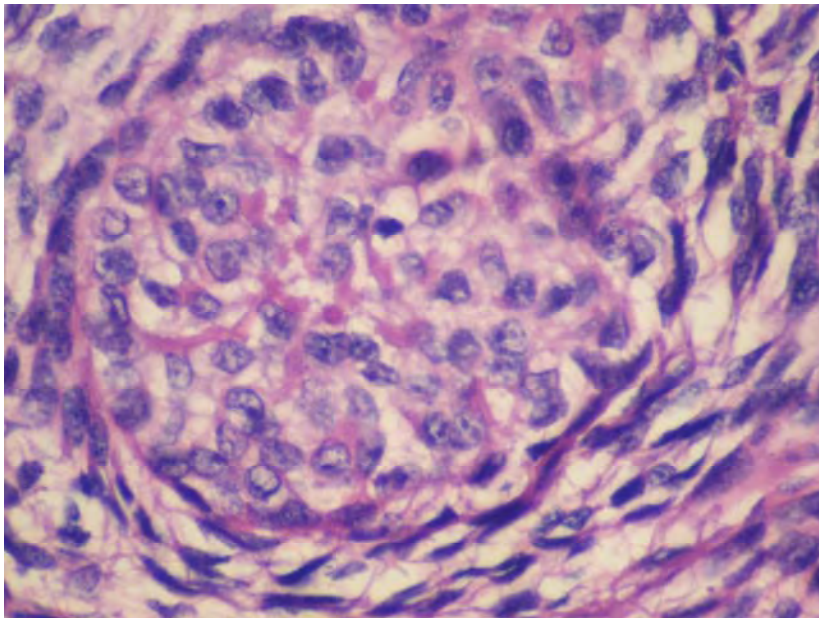
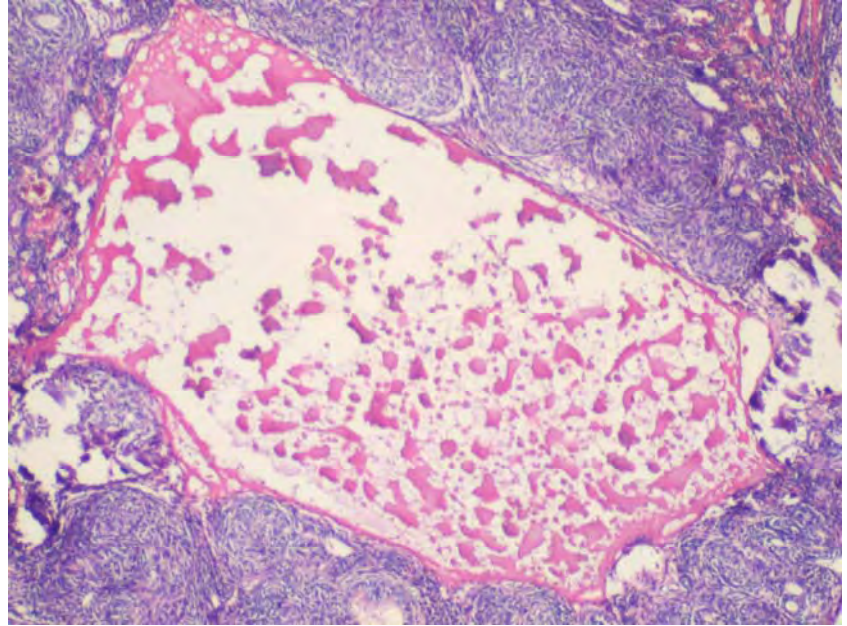
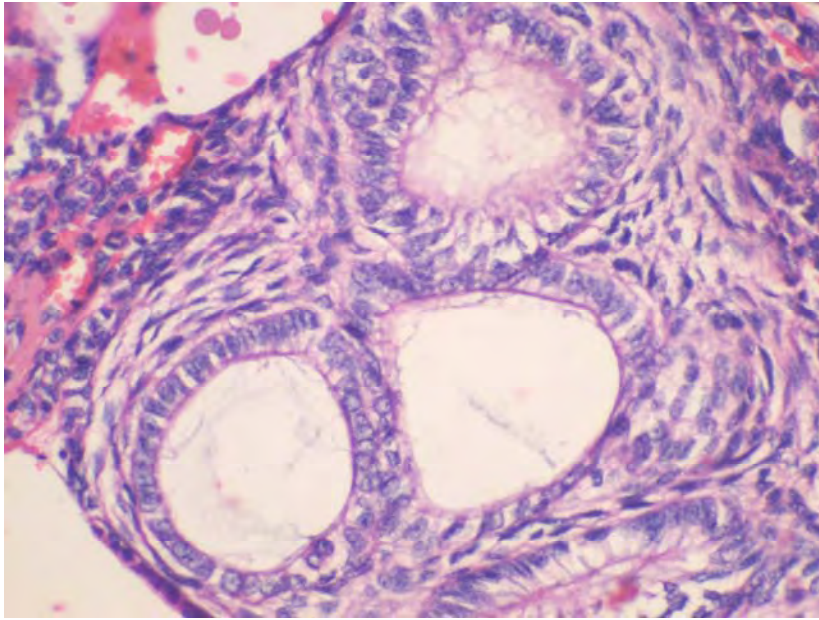


# Microscopic findings - 1





# Microscopic findings - 2



# **Final Diagnosis**

- ❖ Adenomatoid odontogenic tumor ex dentigerous cyst over right mandibular body and symphysis area.**

# Case 2

- ❖ Name: 吳XX
- ❖ Gender: Female
- ❖ Age: 16 y/o
- ❖ VS: 黃逸岳 醫師
- ❖ Visit Date: 97.07.24  
First Visit: 96.08.22



# **Chief Complaint**

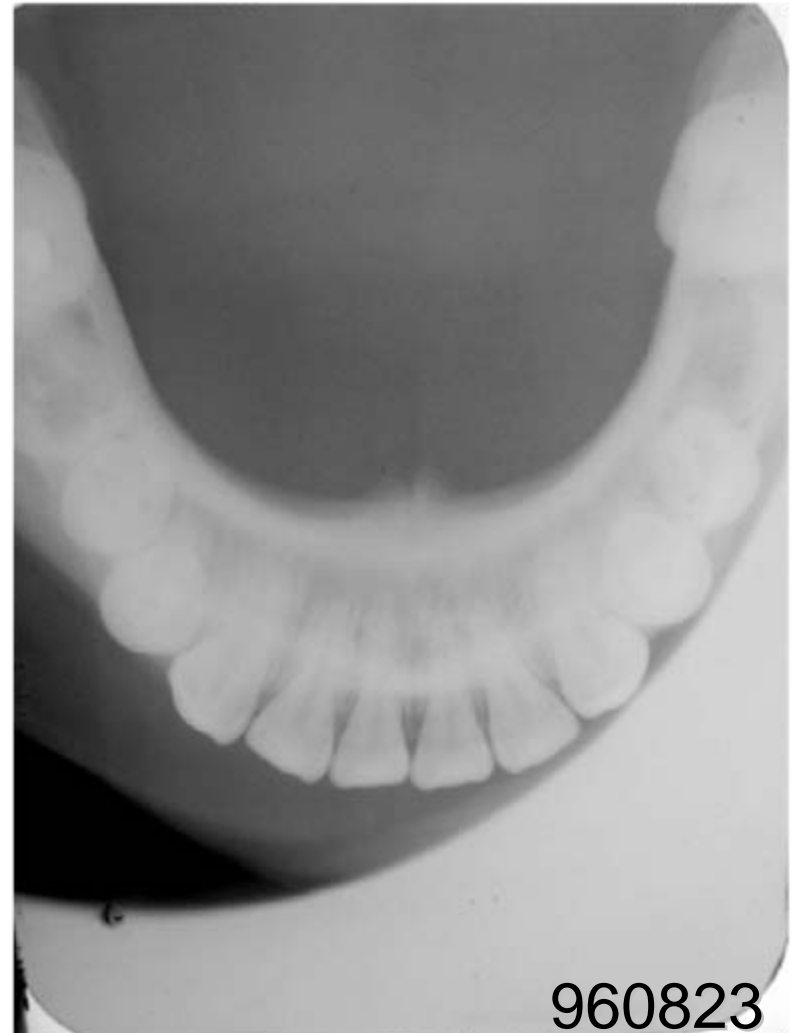
- ❖ Painless swelling over right submandibular area for 4~5 years**

# **Present Illness**

- ❖ The 16 y/o female noted a painless, slow growing swelling over right sub-mandibular for 4~5 years. She had visited OS OPD on 96.08.22. CT exam found a low density mass with dystrophic calcifications over right submandibular area. After one year follow up, the swelling became bigger, so further management was arranged.**

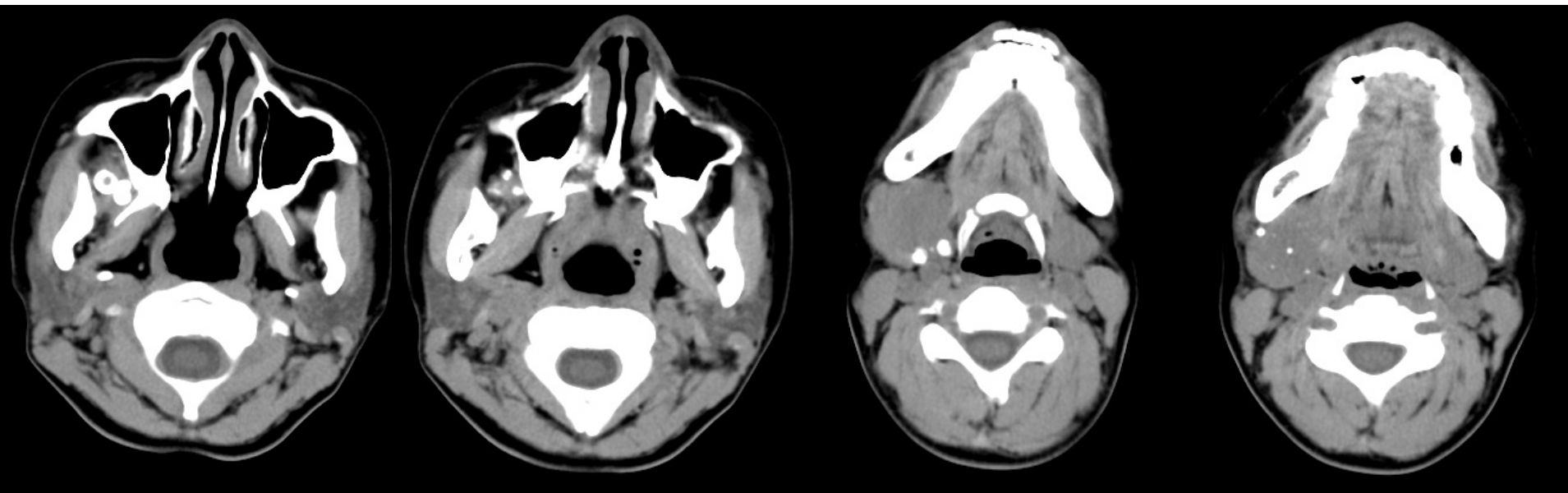


# Occlusal Views

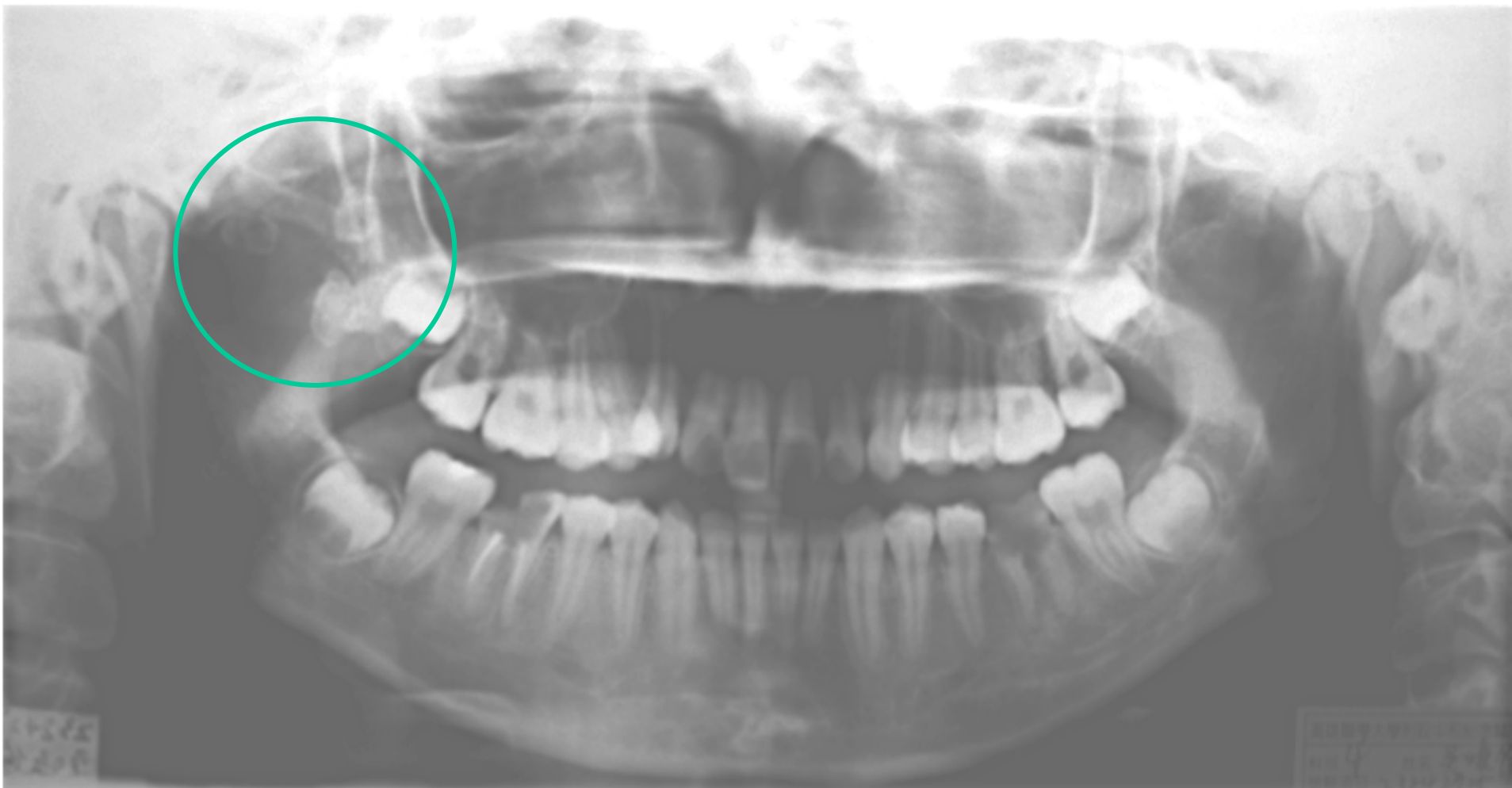




# CT Image 96.08.24



**Panorex 96.08.28**



# **Clinical Impression 96.08**

## **❖ Submandibular area**

**1. Sialolithiasis and sialoadenitis,  
right submandibular gland**

**2. Benign tumor over right  
submandibular gland**

## **❖ Infra-temporal area – no record**

# Past History

- ❖ **Past medical history**

**Systemic disease : denied**

**Hospitalization : denied**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(-), B(-), C(-)**

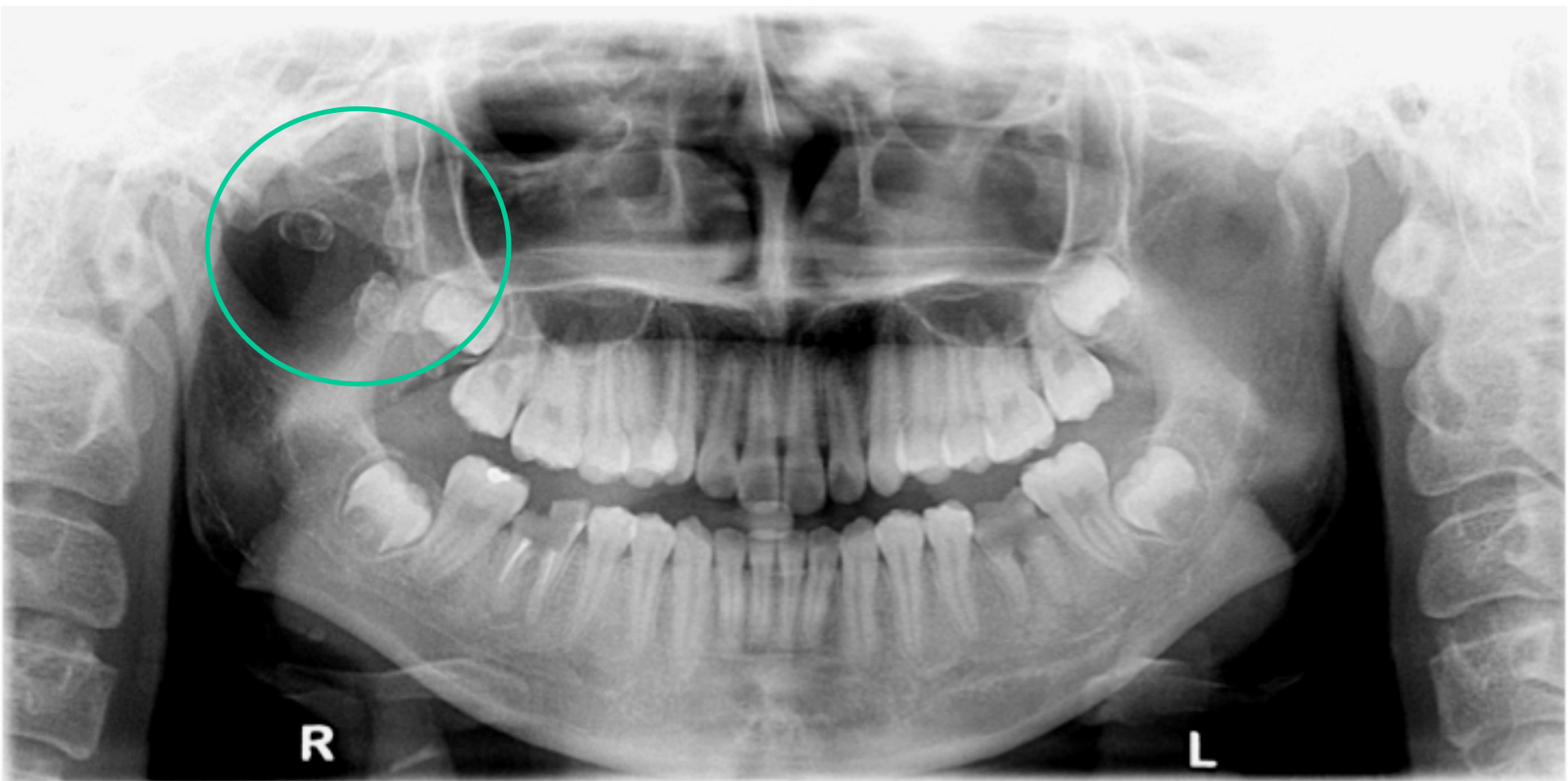
# Oromaxillofacial Findings

## 97.07.24

- ❖ A painless swelling mass over right sub-mandibular region, about 5.0x3.0 cm in dimension,



# Panorex 97.07.24



# **Clinical Impression 97.07**

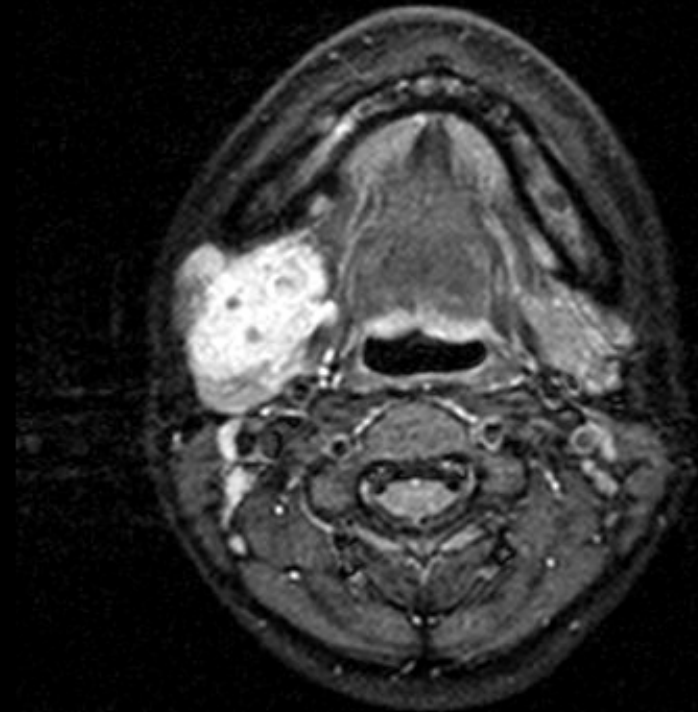
## **❖ Submandibular area**

**1. Sialolithiasis and sialoadenitis,  
right submandibular gland**

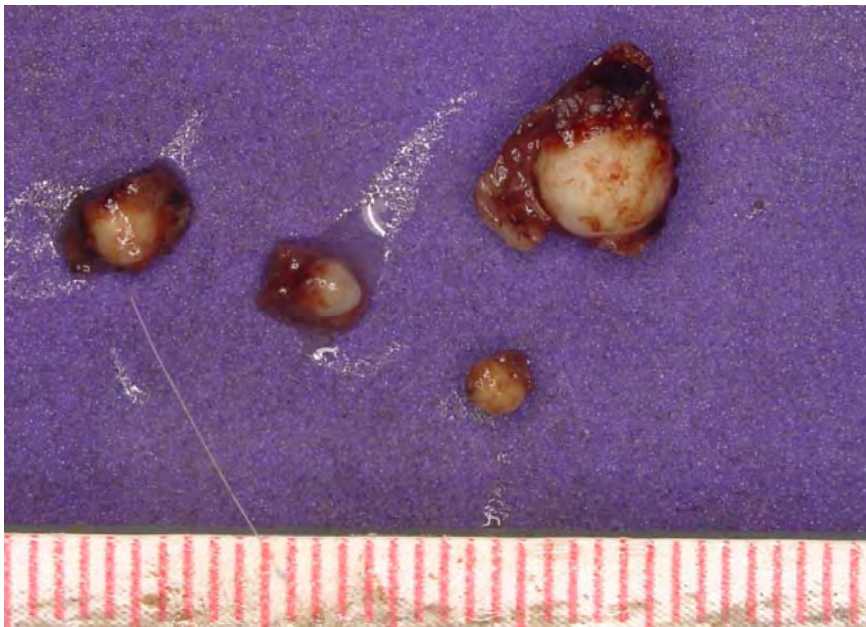
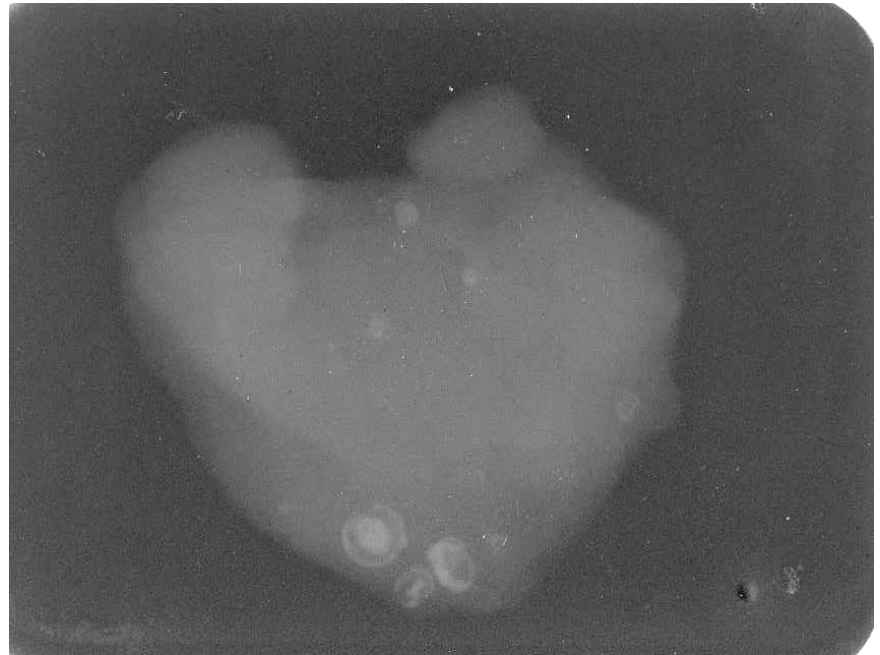
**2. Benign tumor over right  
submandibular gland**

## **❖ Infra-temporal area – no record**

# MRI Image 97.07.31

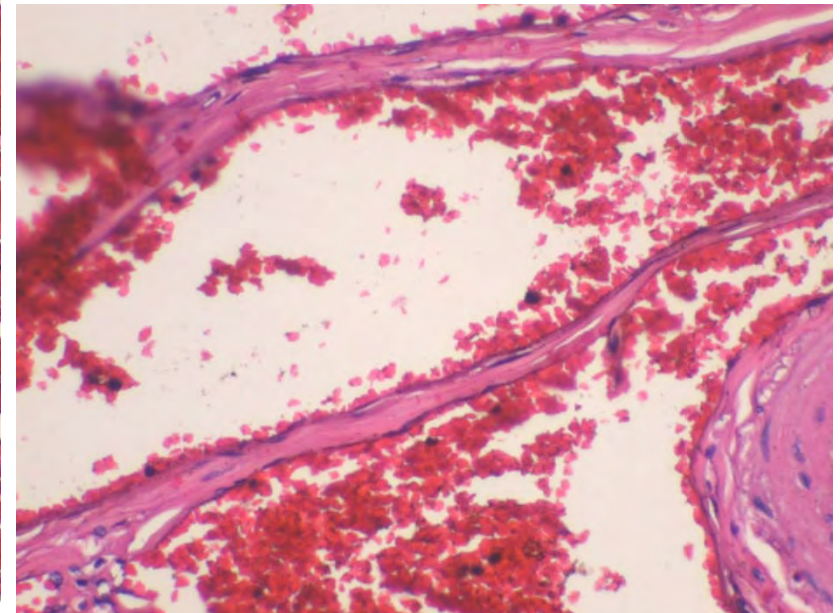
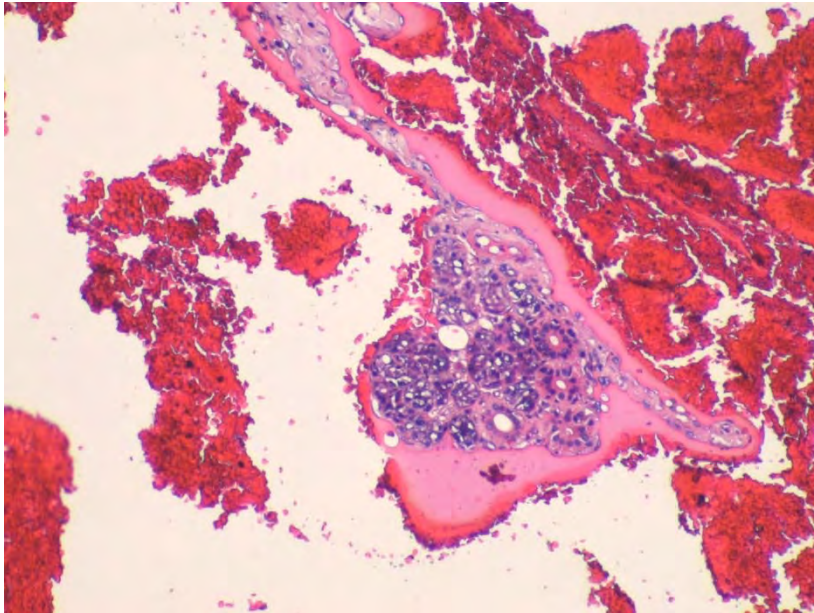
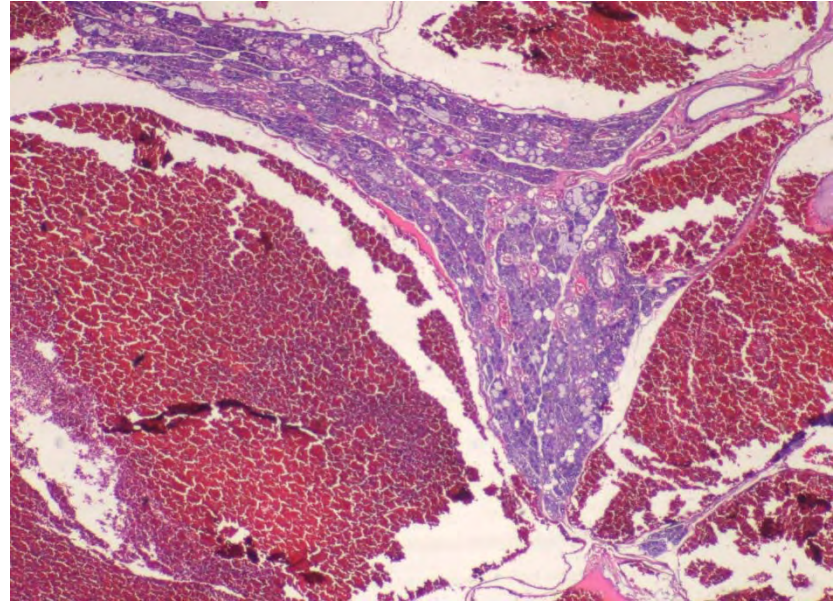
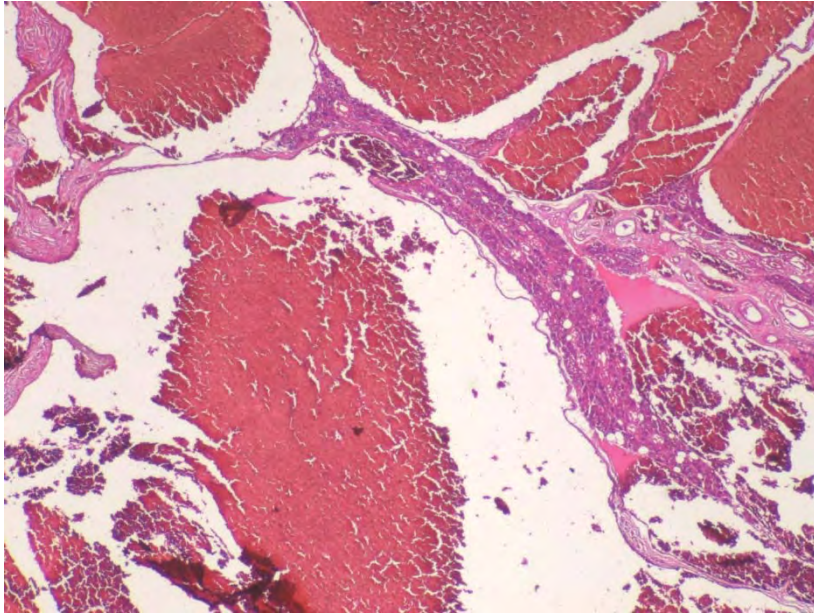






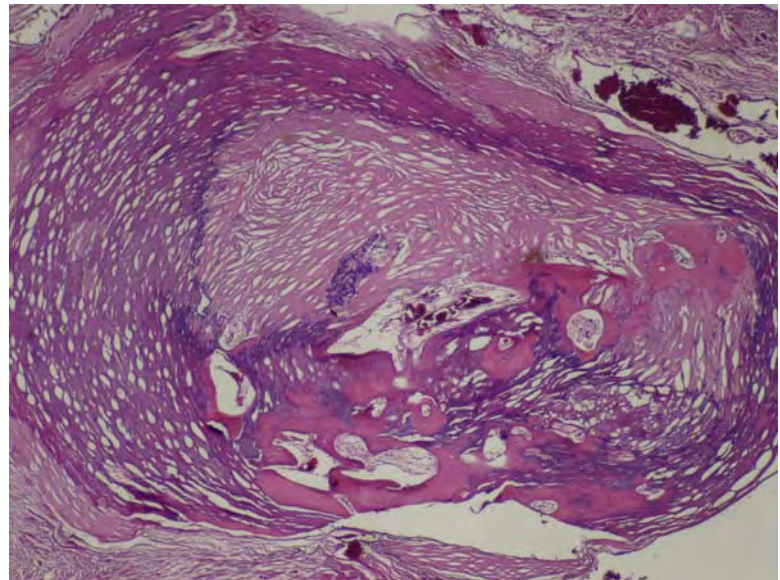
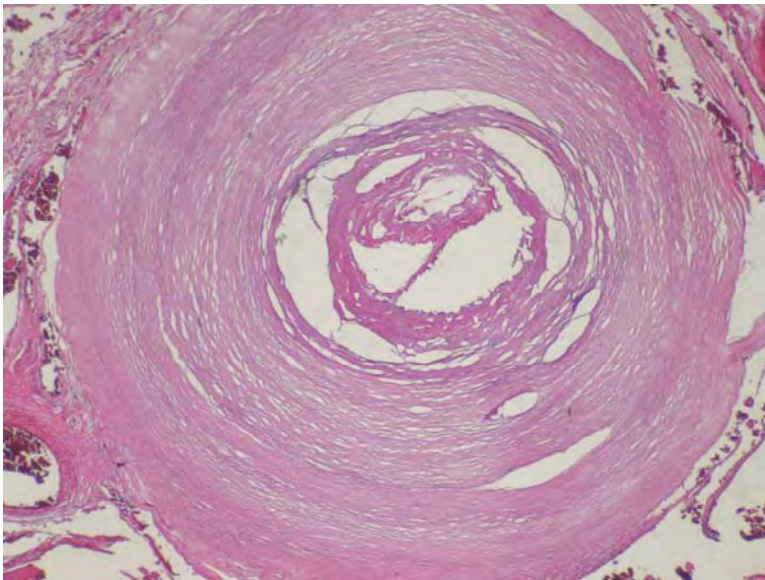
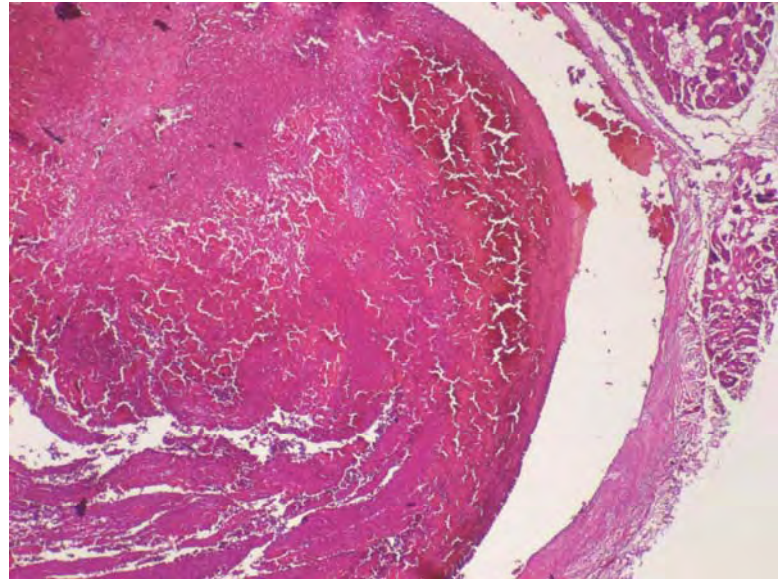
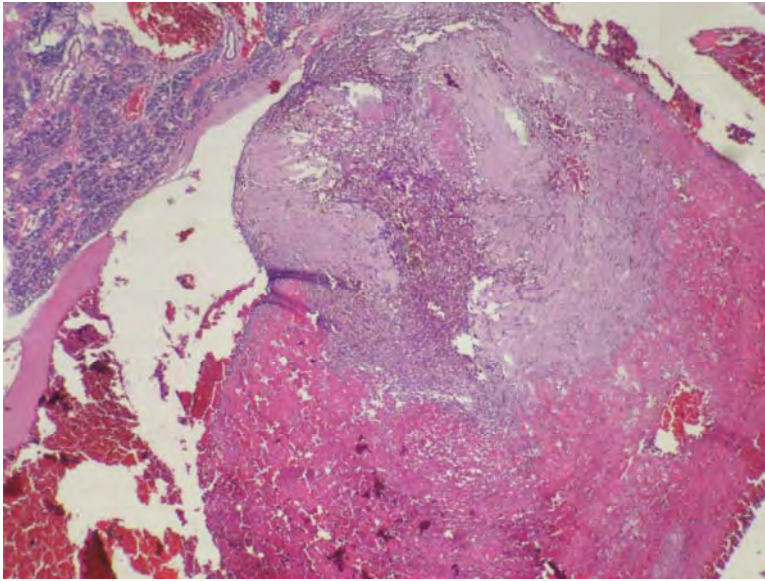


# Microscopic Findings - 1





# Microscopic Findings - 2



# **Final Diagnosis**

**❖ Cavernous hemangioma with multiple phleboliths**

**Salivary gland, Submandibular, Right,  
Excision**

# Case 3

- ❖ Name: 蔡XX
- ❖ Gender: Female
- ❖ Age: 51 y/o
- ❖ VS: 陳中和醫師
- ❖ Visit Date: 97.10.08  
First Visit: 97.01.23



# Chief Complaint

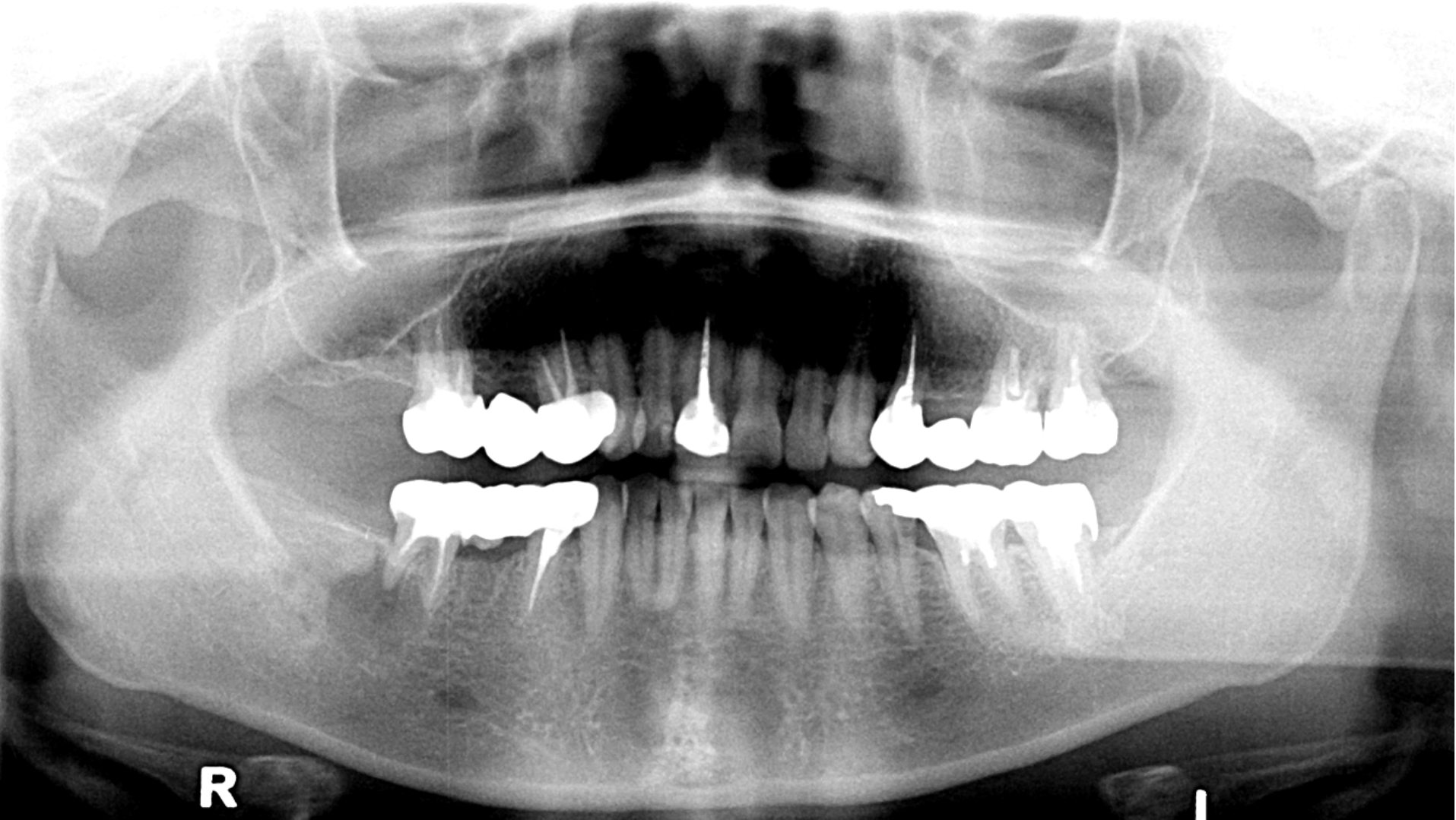
- ❖ **Fast-growing, exophytic mass over previous surgical site (1 month ago) of right mandibular area**

# **Present Illness**

- ❖ The 51 y/o female received prosthetic treatment (45X47 C&B) a few months ago in LDC. She felt pain over the area and a radiolucent lesion over apical area of tooth 47 was found. Then she was referred to OS OPD for further treatment on 97.01.23.**

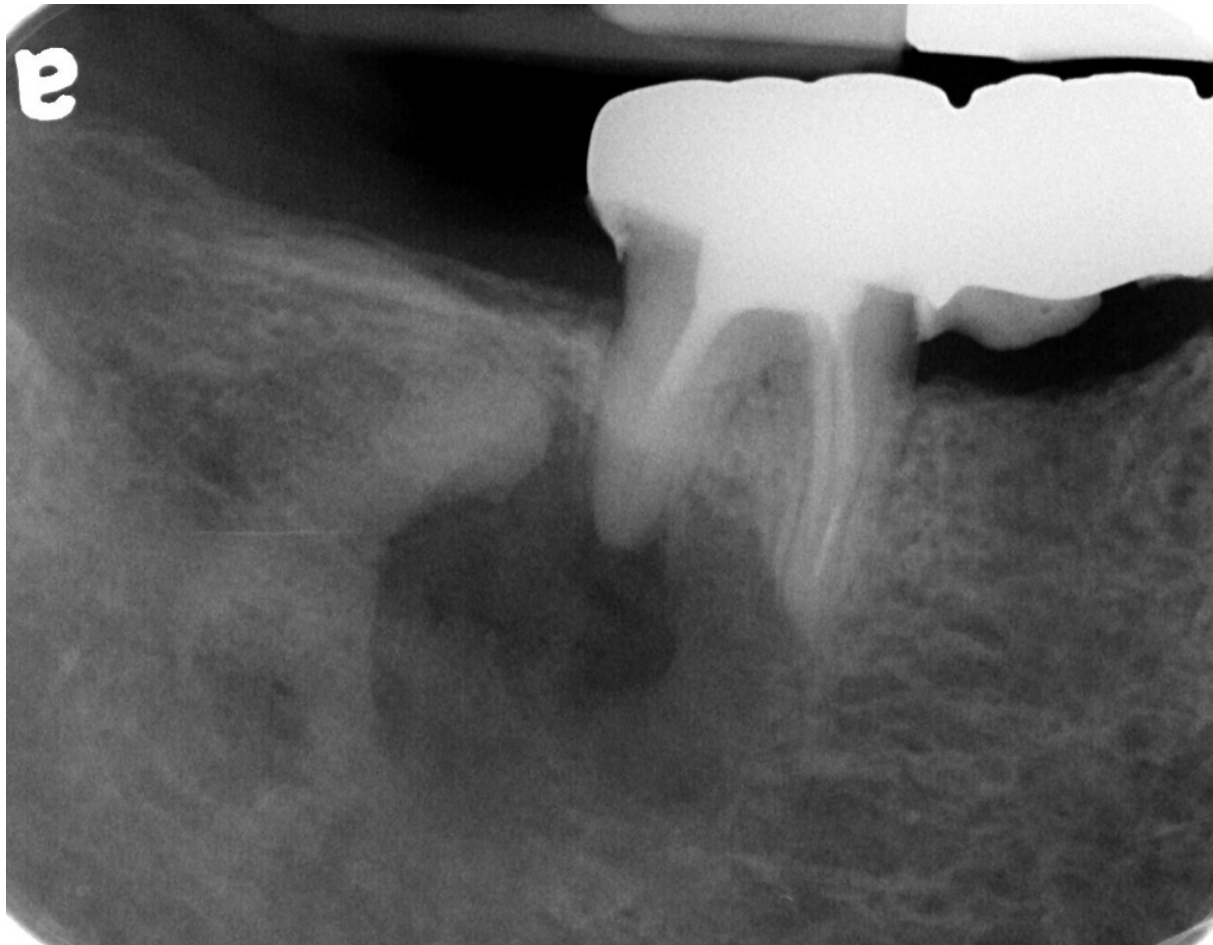


**Panorex 97.01.23**

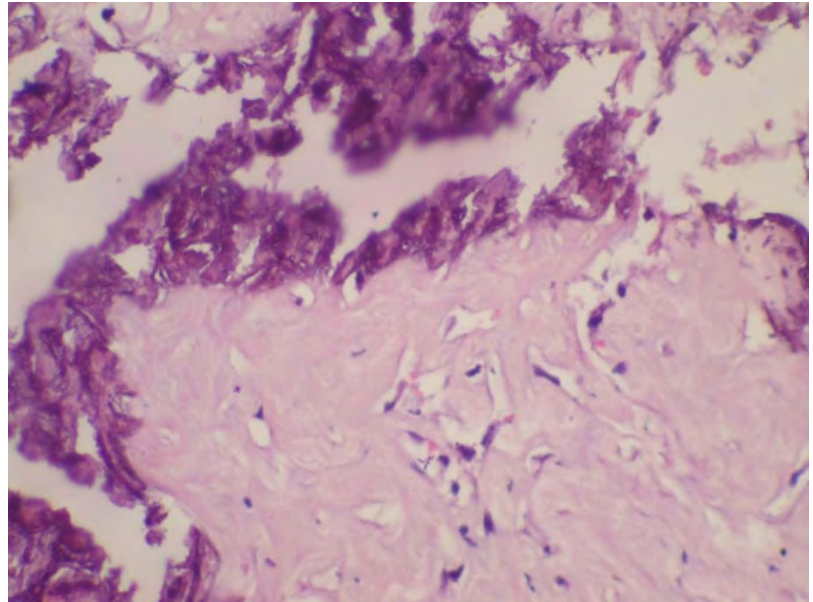
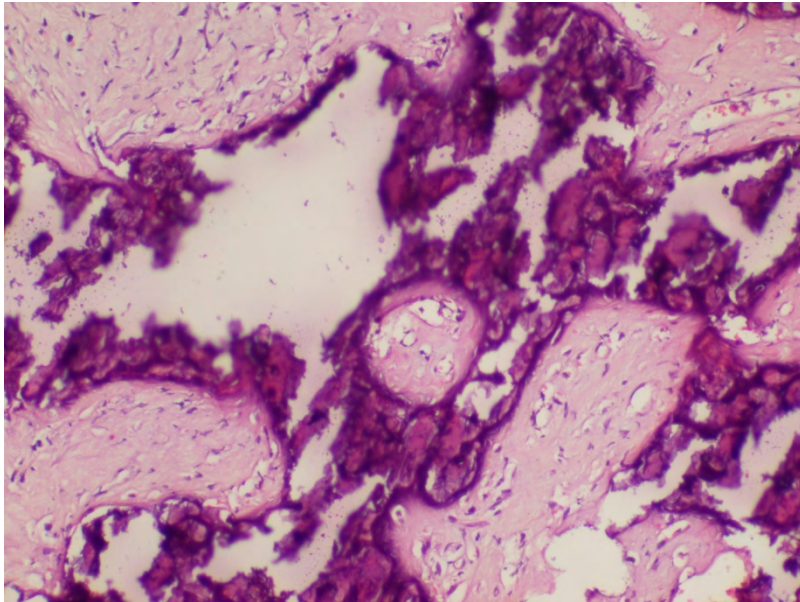
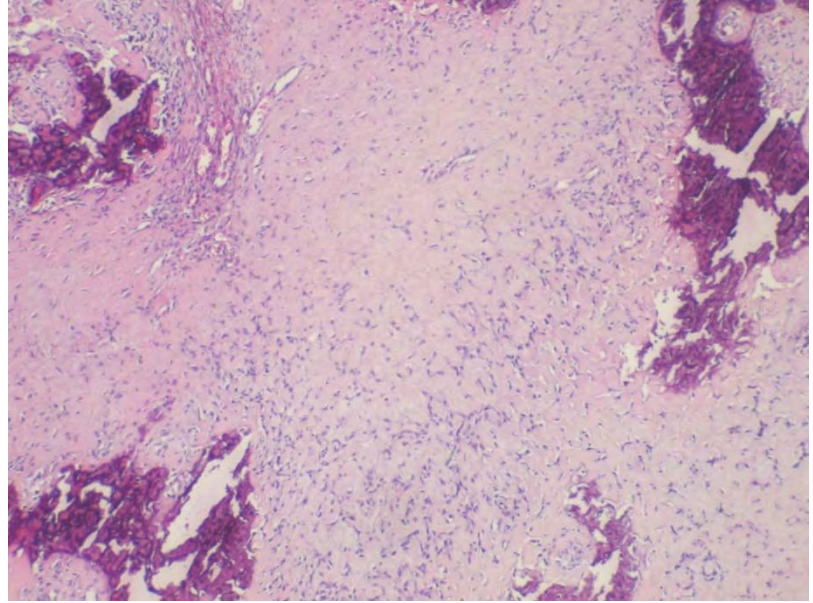
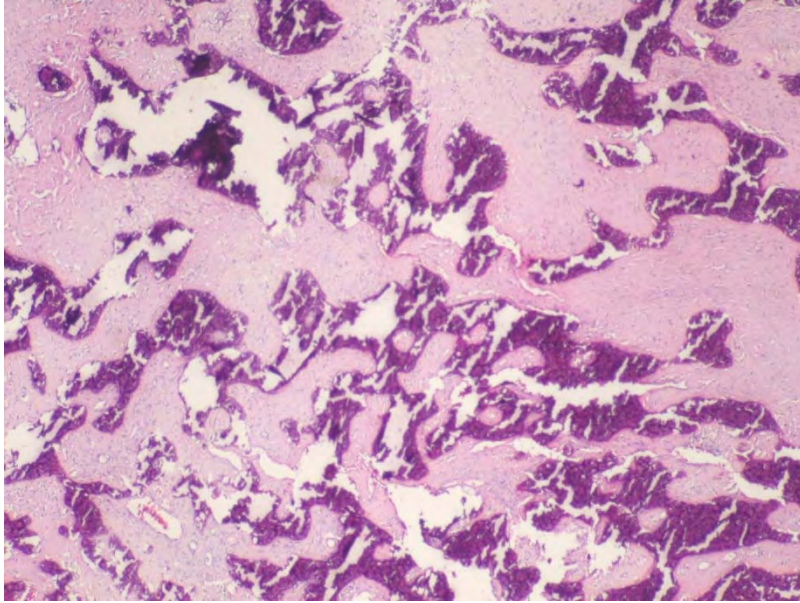




# Periapical Film 97.01.23



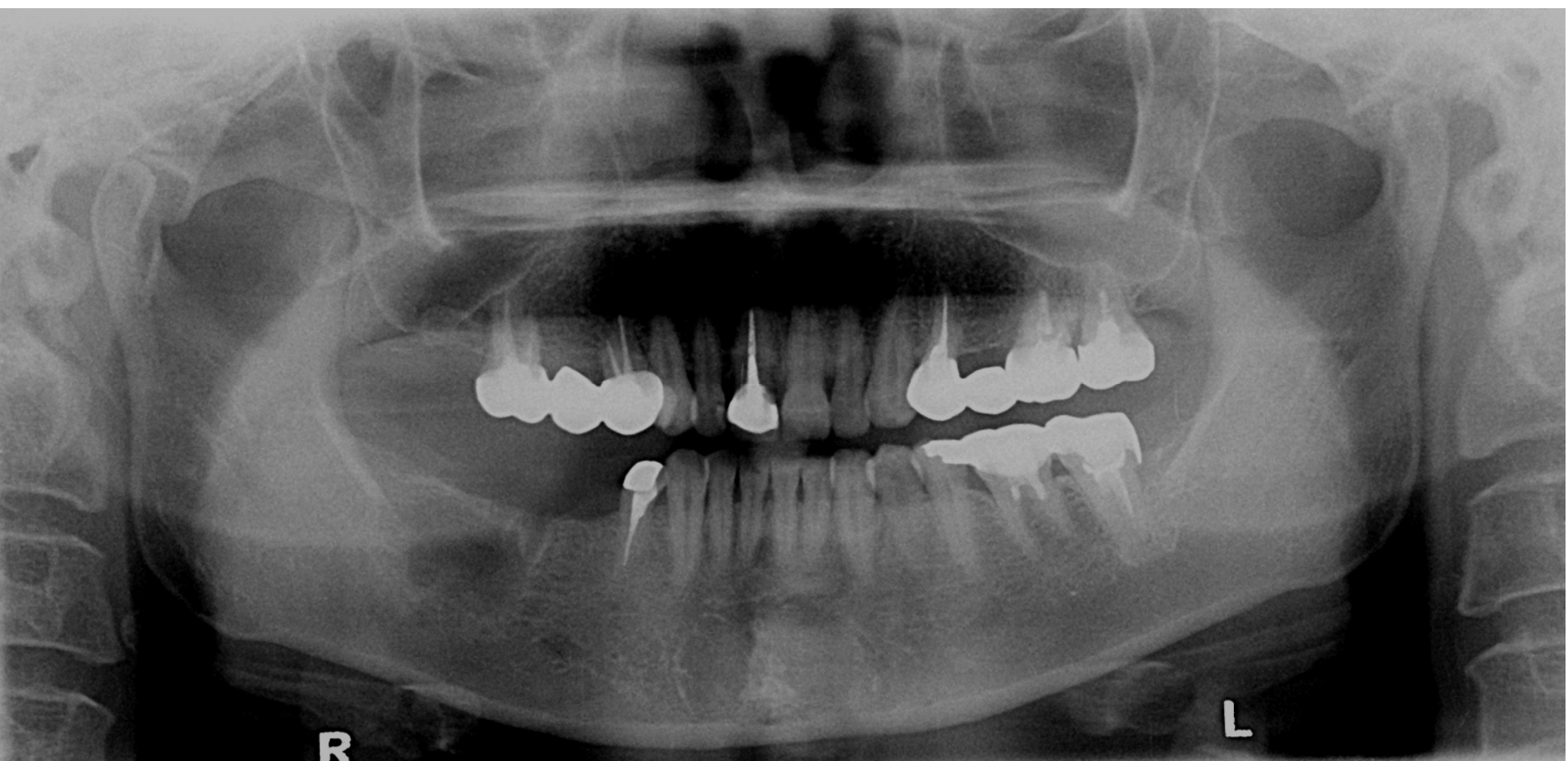
# Microscopic Findings (08-0155)



# **HP Report 97.01.23**

**❖ Cemento-ossifying fibroma  
Bone, Mandible, Apical 46,  
Enucleation**

**Panorex 97.04.16**



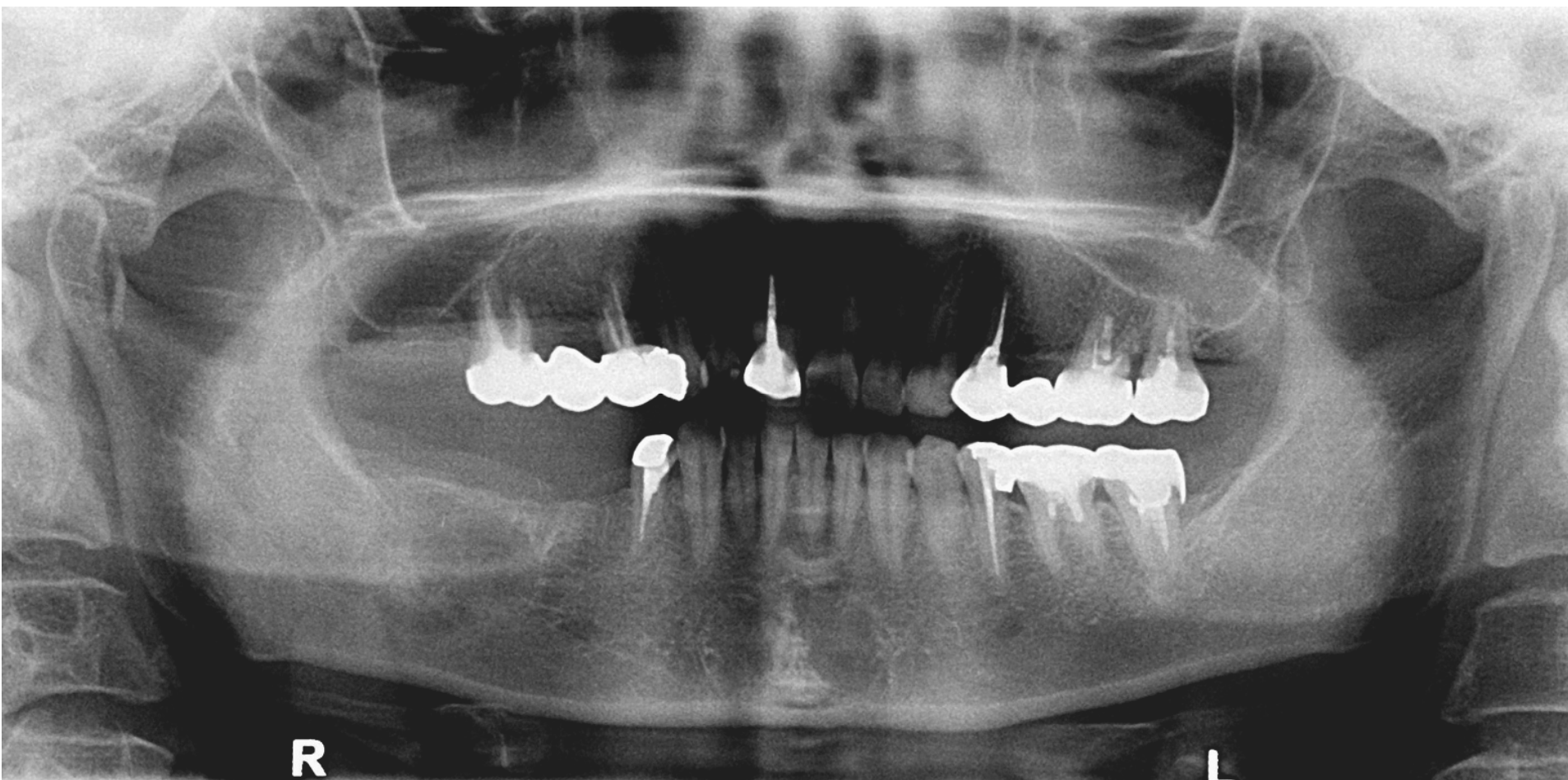


# Follow Up – 97.07.09

- ❖ **Swelling mass over previous operation site.**
- ❖ **Color: red**
- ❖ **Consistency: firm**
- ❖ **Surface: traumatic ulcer**

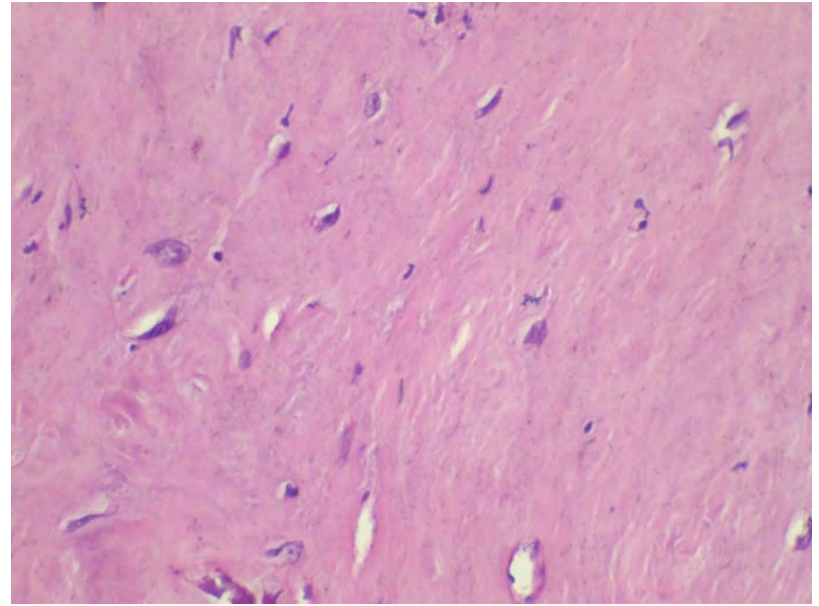
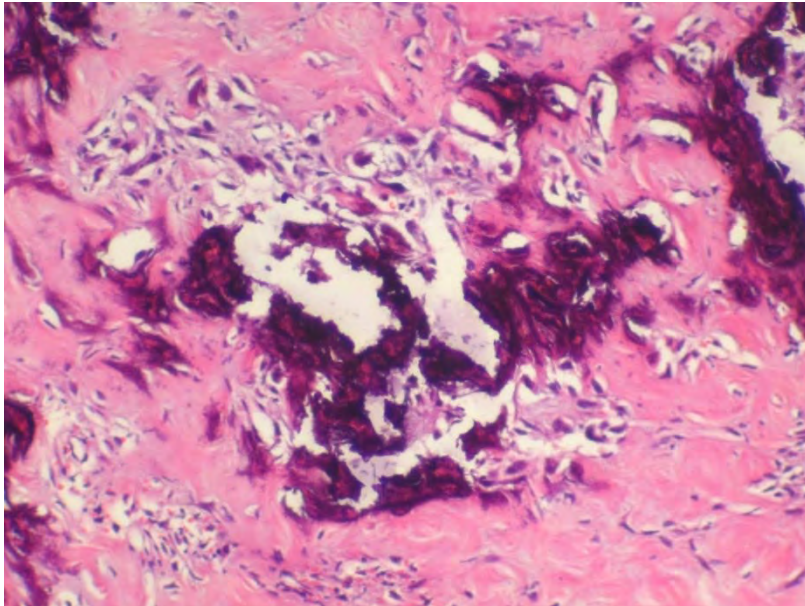
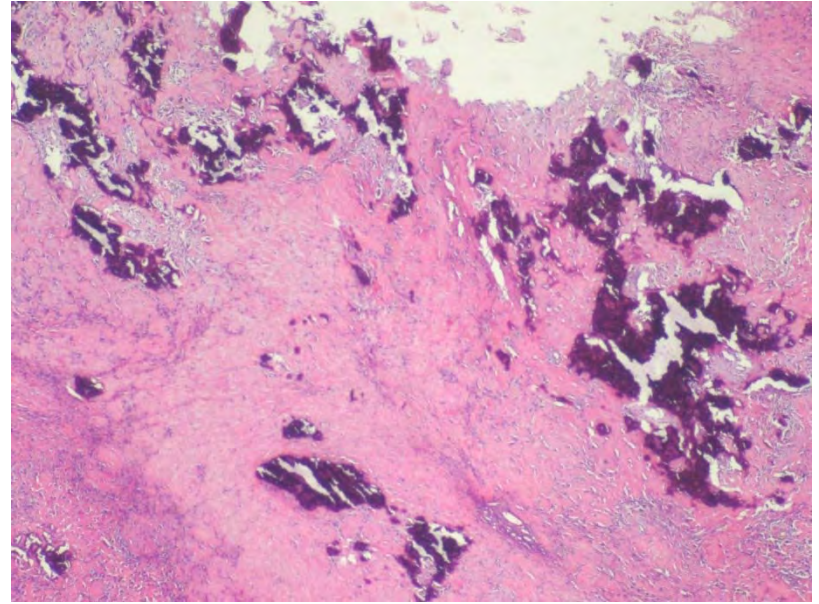
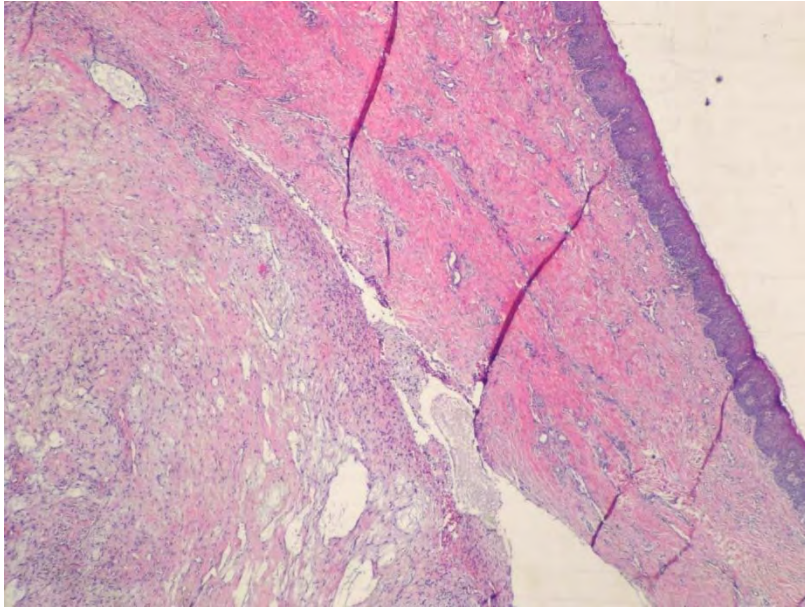


**Panorex 97.07.09**





# Microscopic Findings (08-1528)



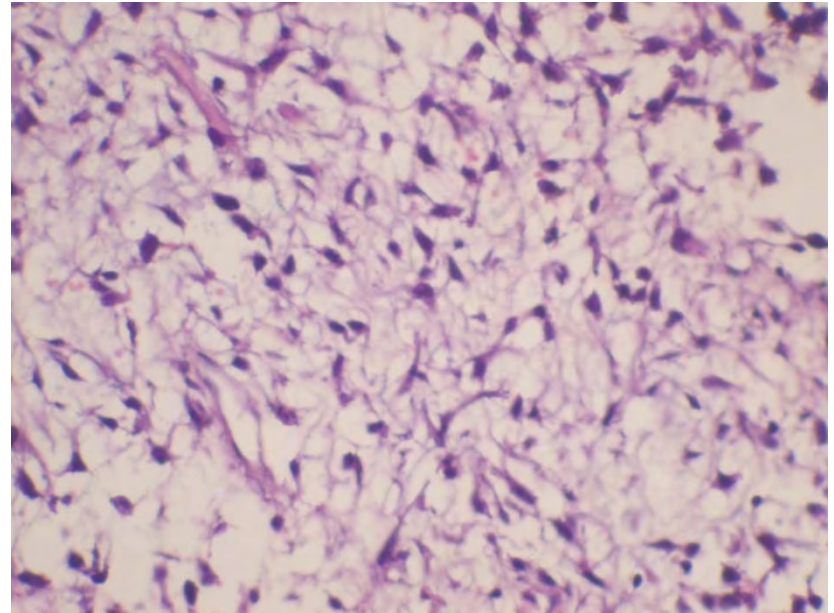
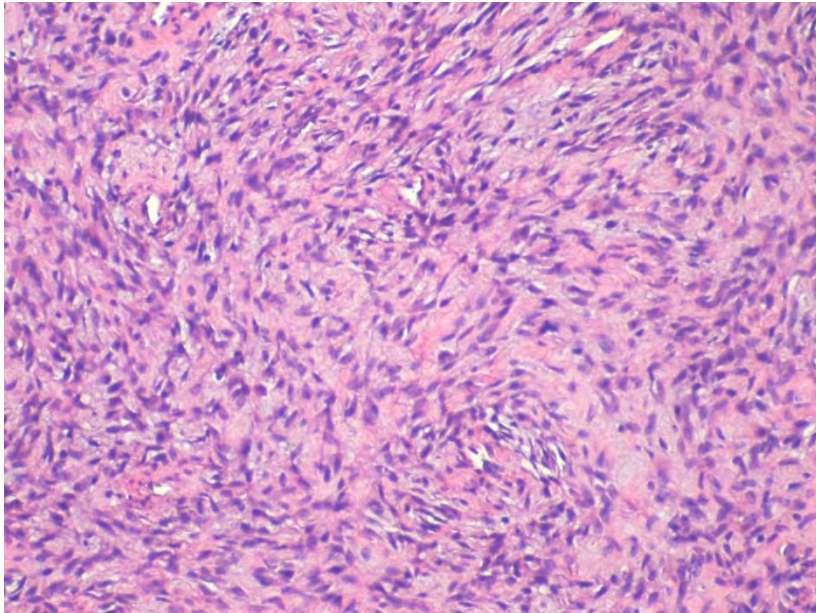
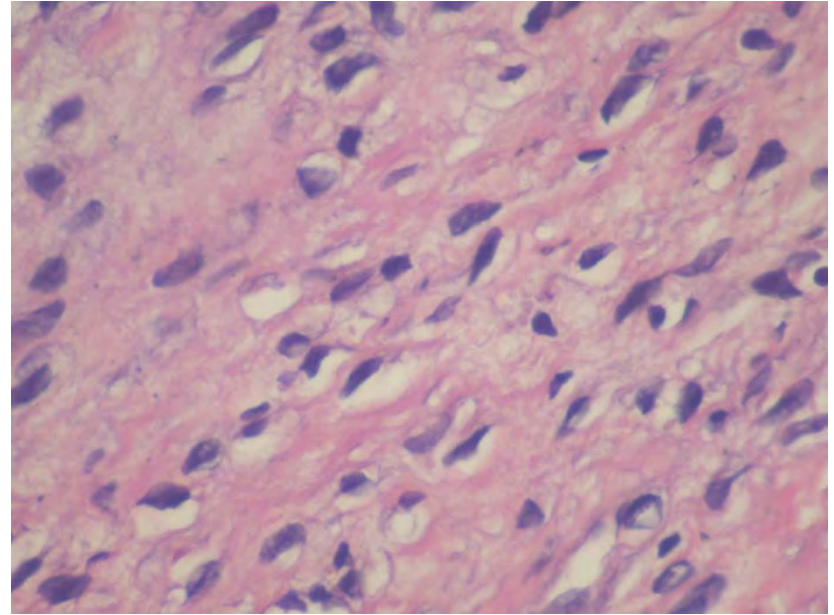
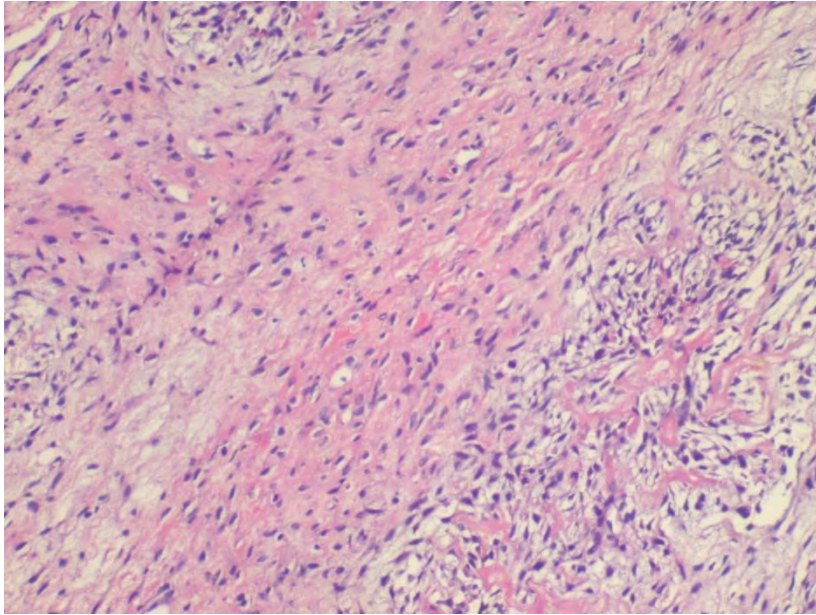
# **HP Report 97.07.16**

**❖ Cemento-ossifying fibroma**

**Oral cavity, Edentulous ridge, Lower  
right, Incision**



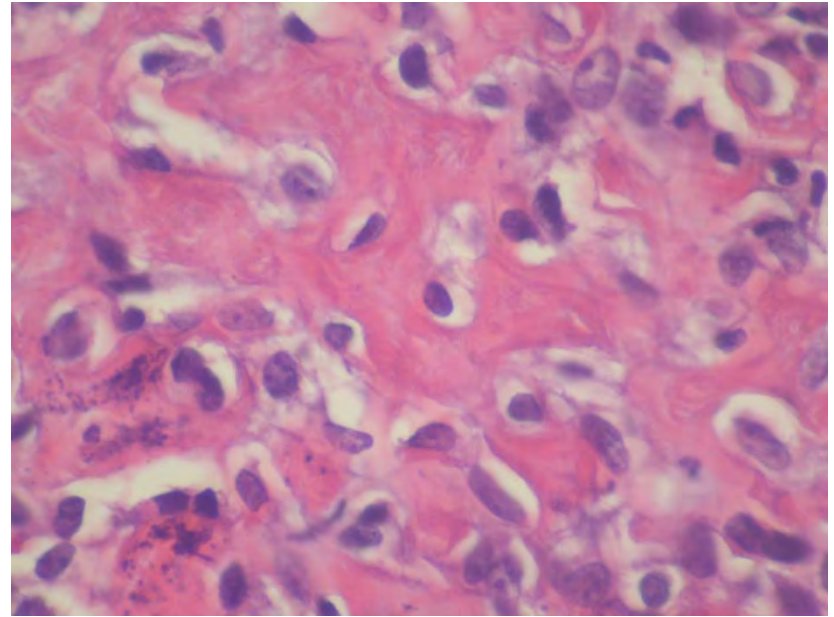
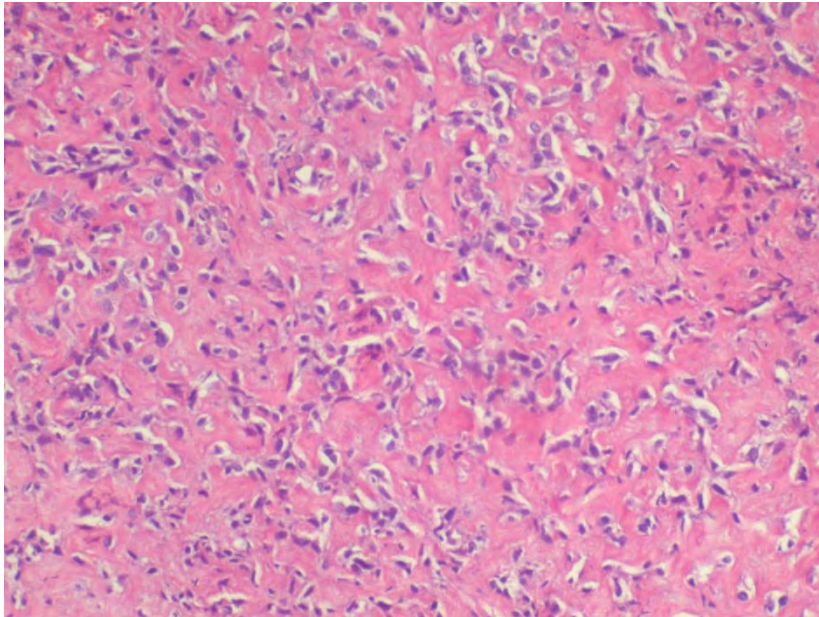
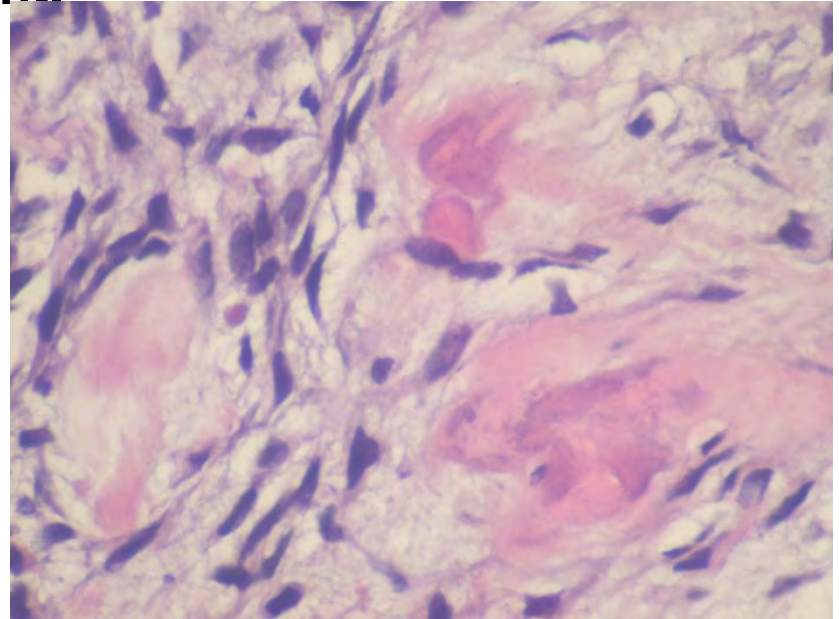
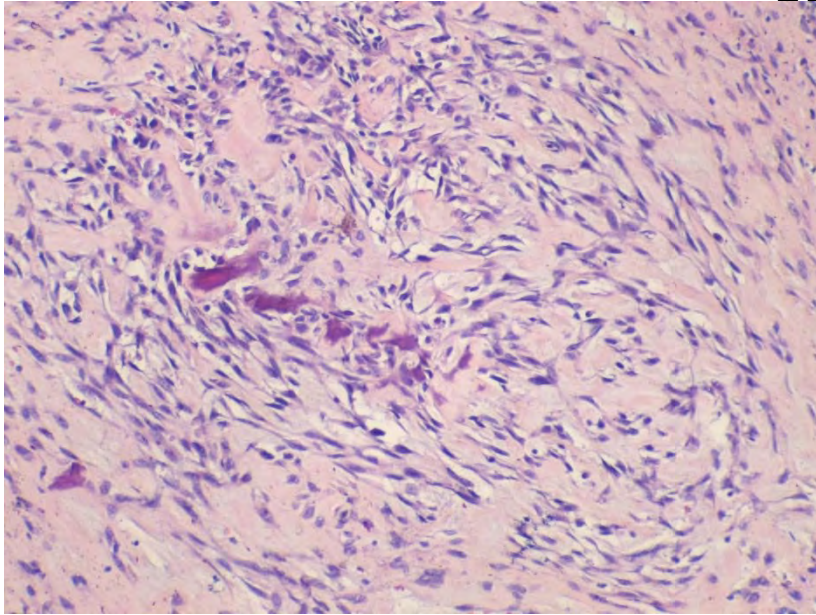
# Microscopic Findings (08-1699)





# Microscopic Findings (08-1699)

cont.



# **HP Report 97.08.07**

- ❖ Cemento-ossifying fibroma**  
**Bone, Mandible, Right, Excision**

# Panorex 97.09.24





# Past History

- ❖ **Past medical history**

**Systemic disease : denied**

**Hospitalization : denied**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

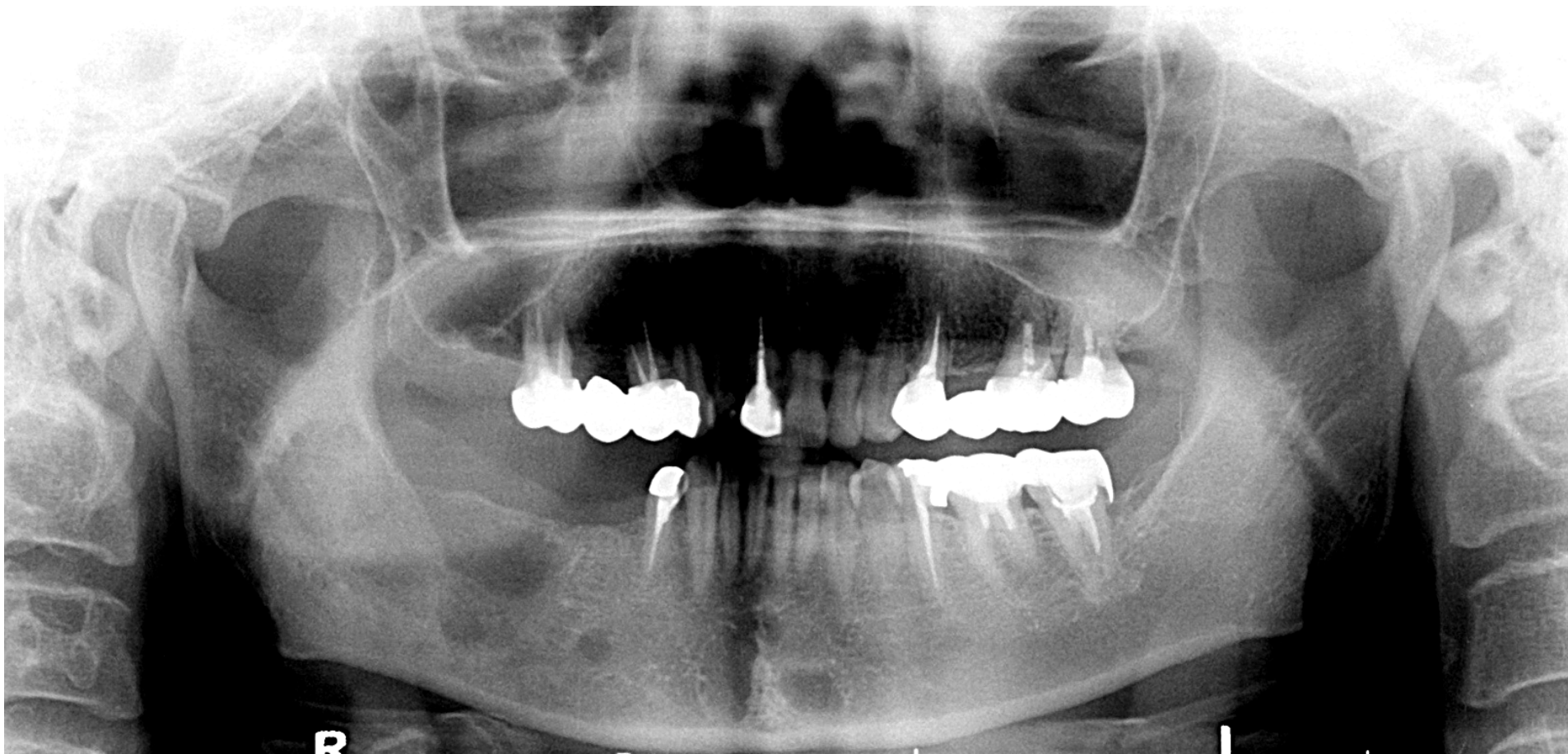
**A(-), B(-), C(-)**

# Oral Examination 97.10.08

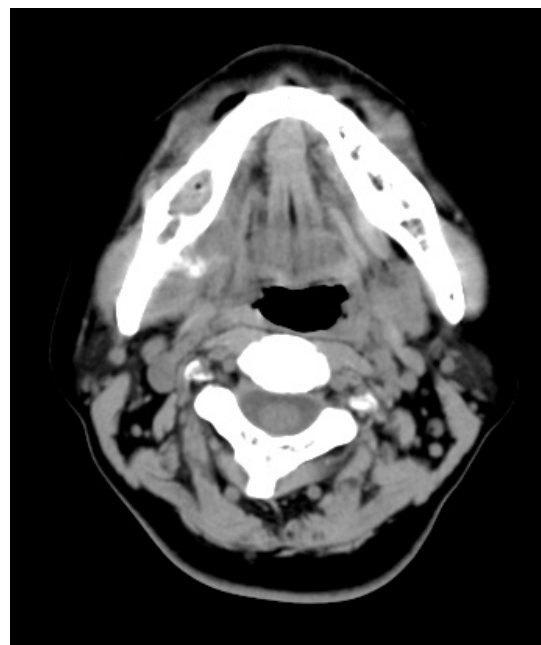
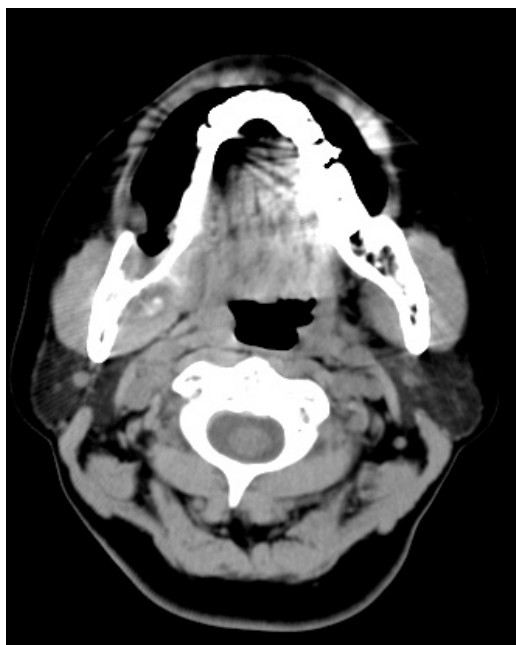
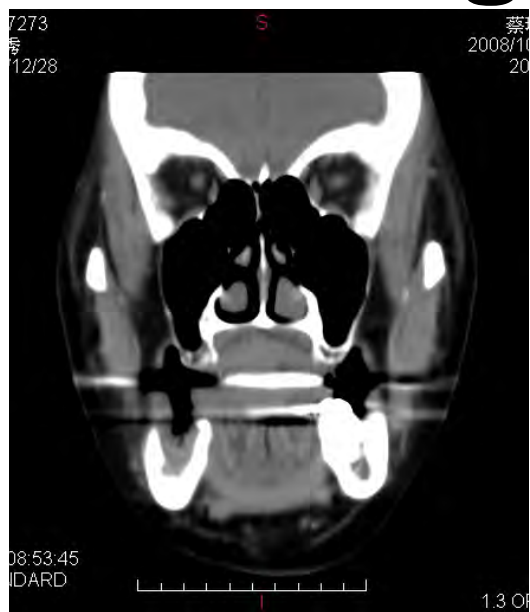
- ❖ **Swelling mass over previous operation area**
- ❖ **Color : Gray to white**
- ❖ **Surface: necrosis**
- ❖ **Consistency:firm**



**Panorex 97.10.15**

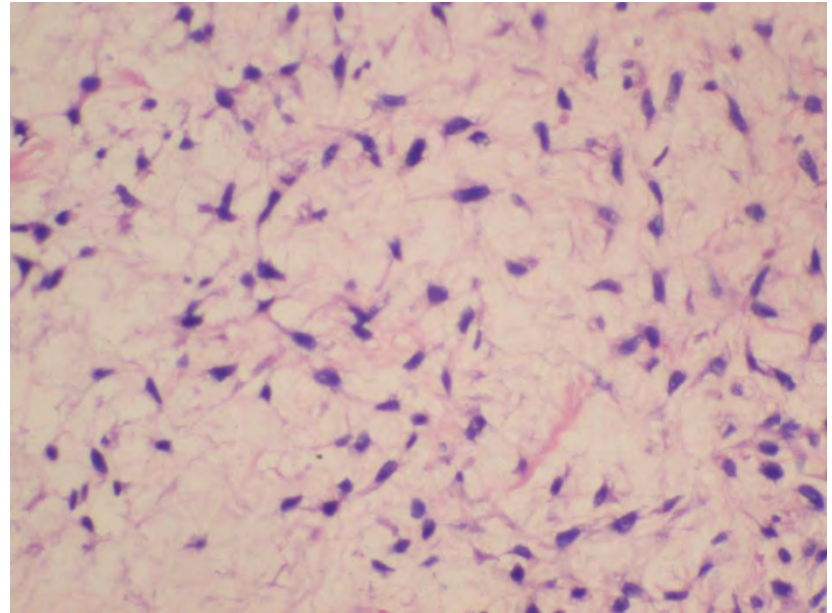
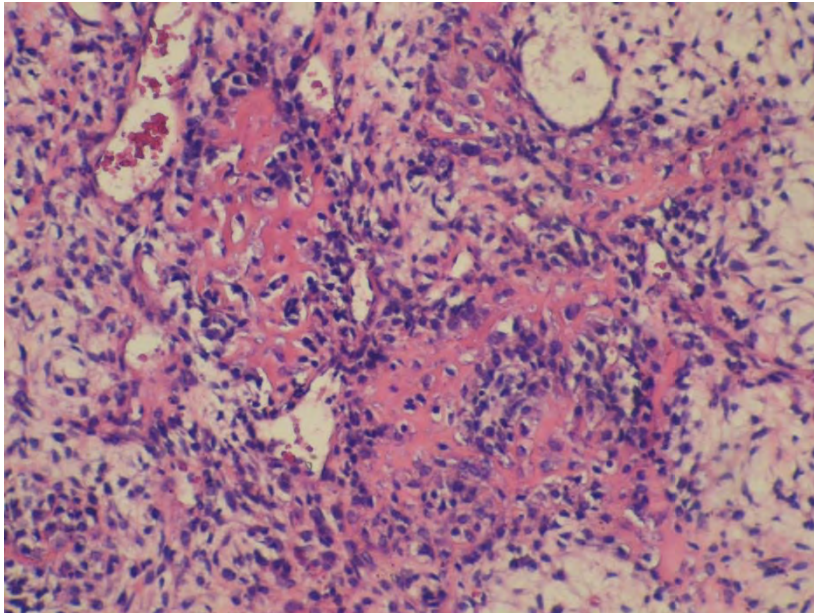
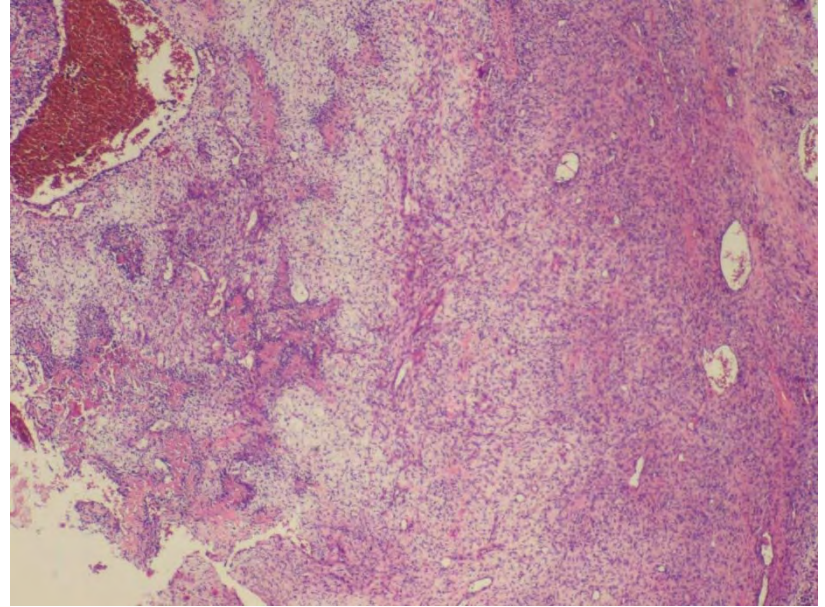
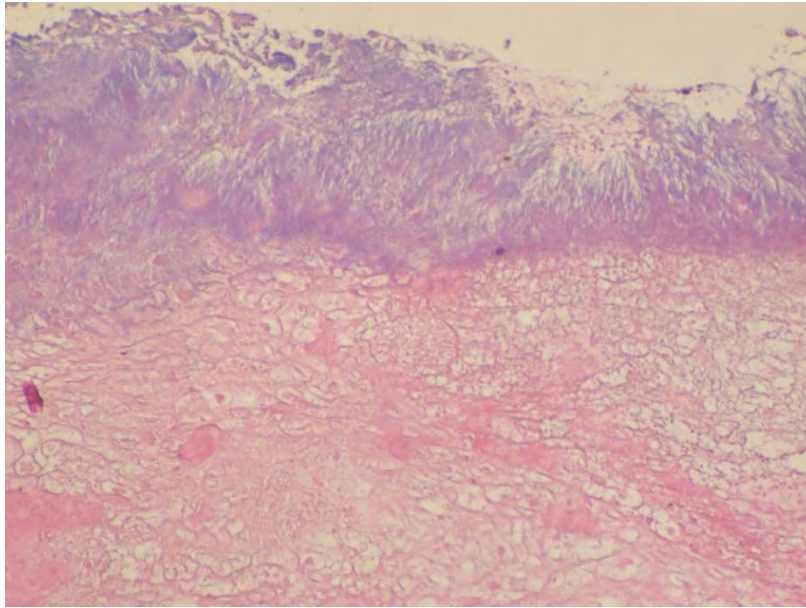


# CT Image 97.10.27





# Microscopic Findings (08-2223)





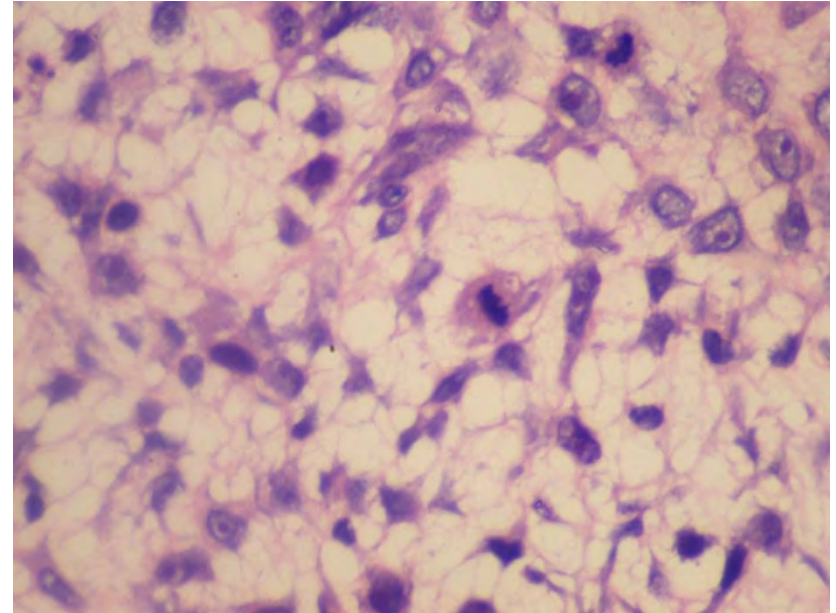
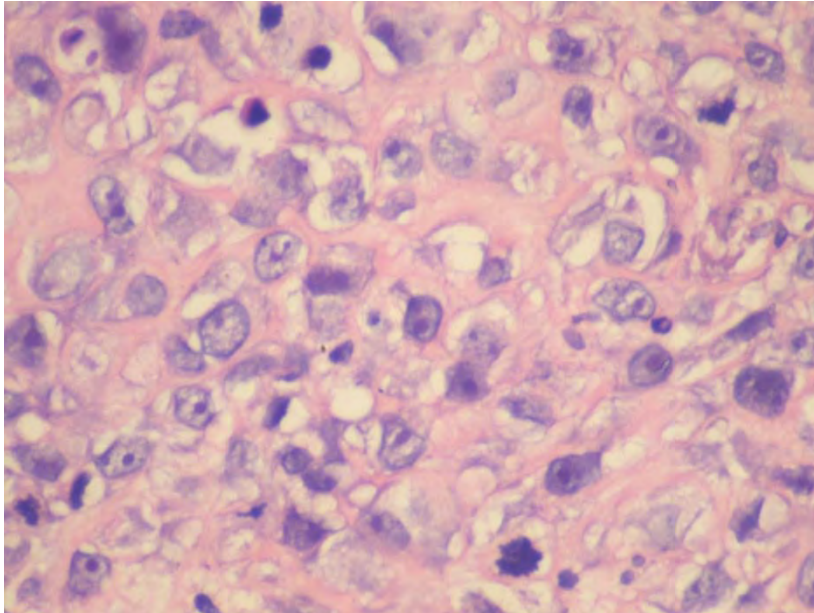
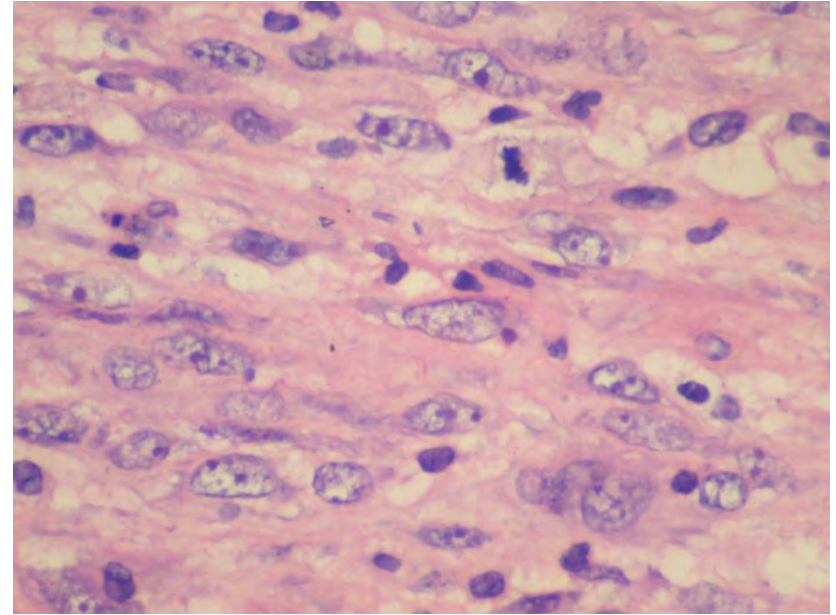
# Microscopic Findings (08-2223)

**Cellular atypia**

**Hyperchromatism**

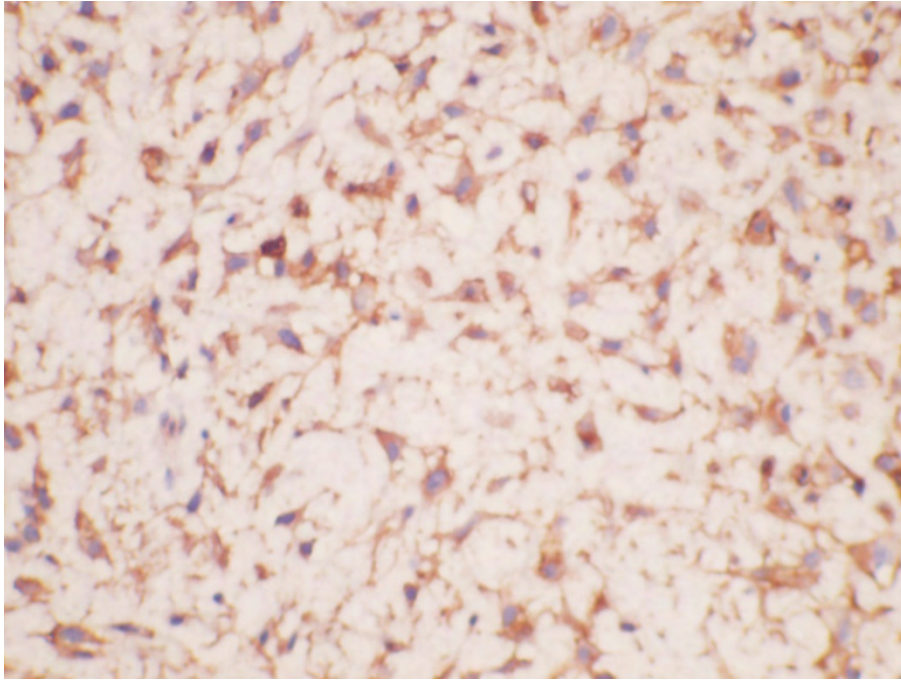
**Pleomorphism**

**Abnormal mitoses**

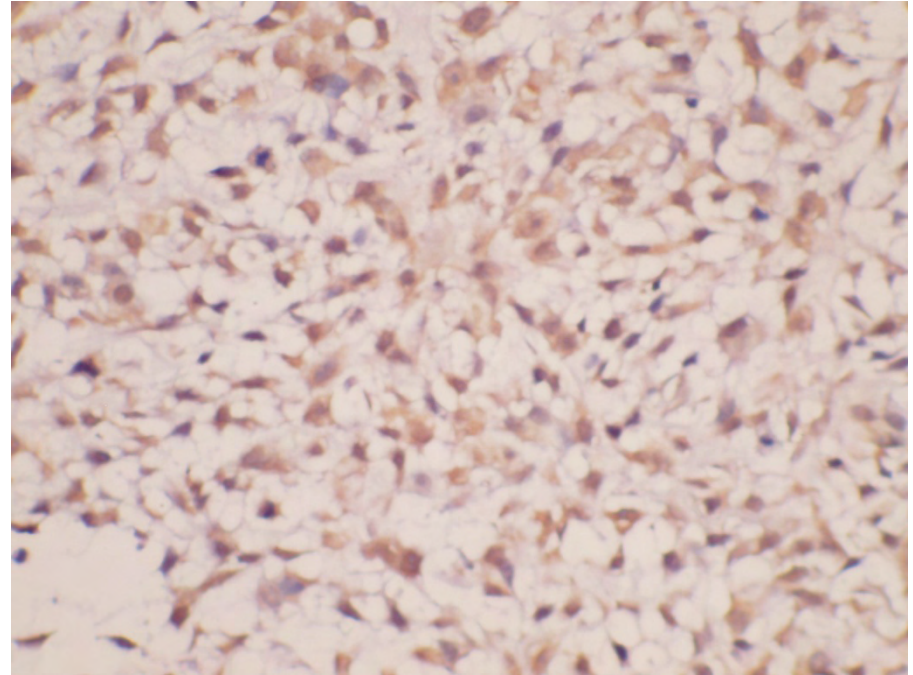




# Immunohistochemical Stains (08-2223)



**CD99 (+)**



**S-100 (+)**

# **HP Report** (08-2223)

- ❖ Ossifying fibromyxoid tumor with malignant change and features of a low-grade osteosarcoma**  
**Bone, Mandible, Right, Excision**

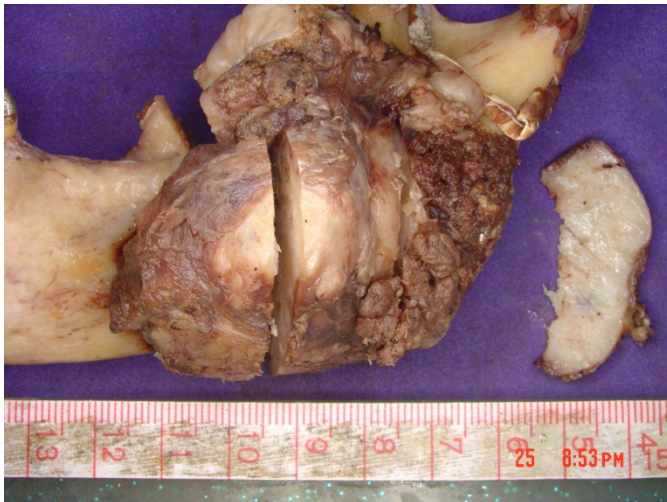
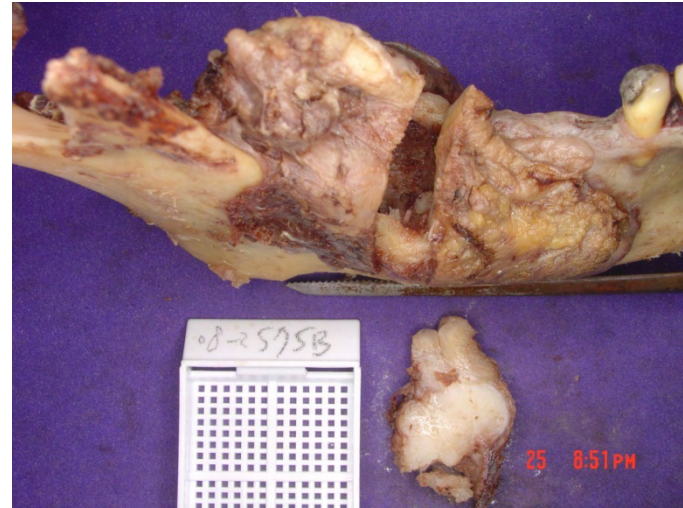
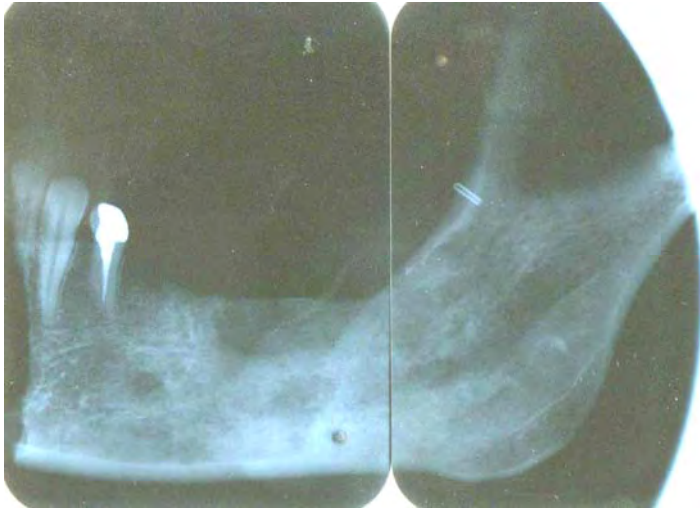
# Gross Findings (08-2575)

- ❖ Tumor size:
  - ridge: 3.5x3.2x2.0 cm
  - lingual: 4.5x4.0x1.5 cm
- ❖ Consistency: firm to wooden hard
- ❖ Cortical layer: thinning



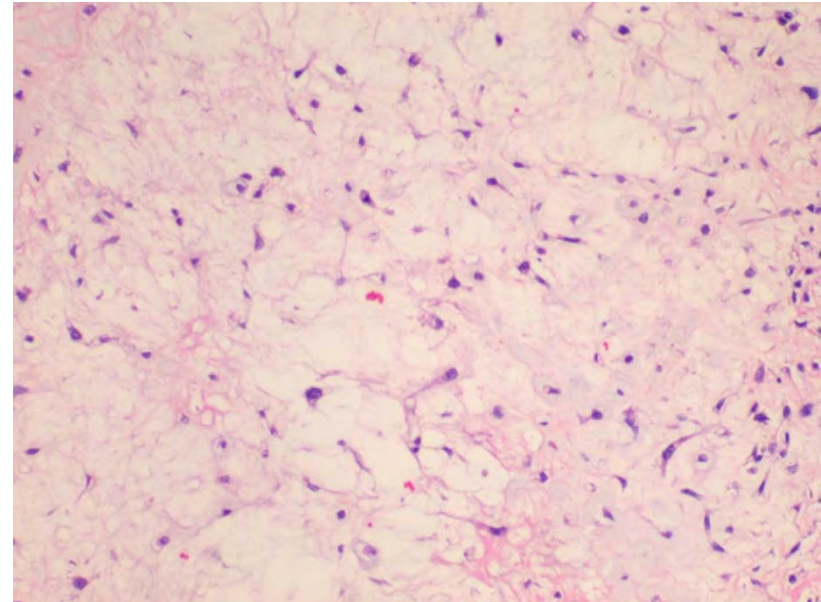
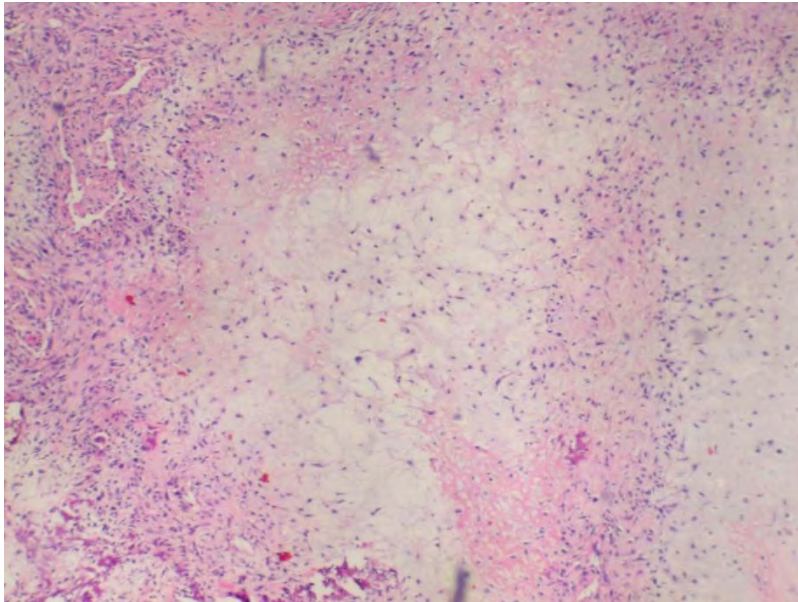
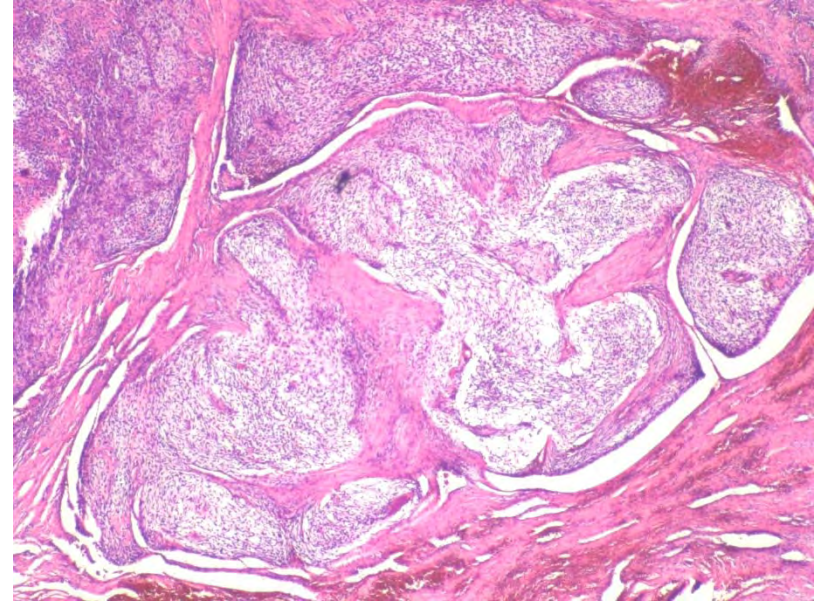
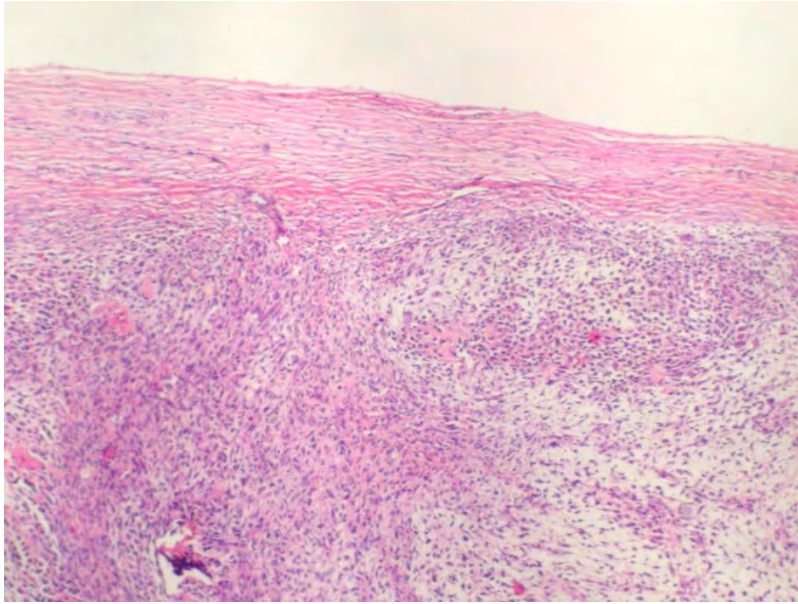


# Gross Findings (08-2575) cont.





# Microscopic Findings (08-2575)

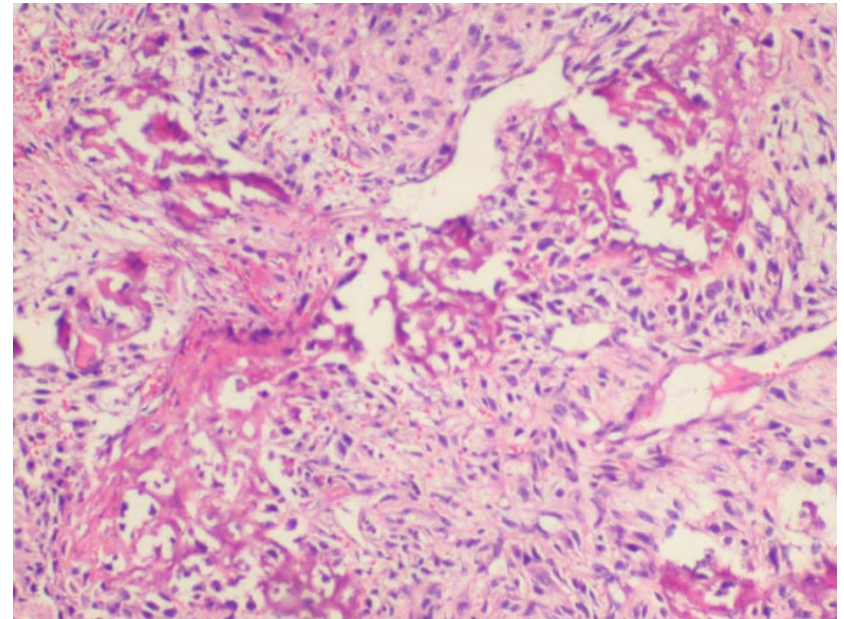
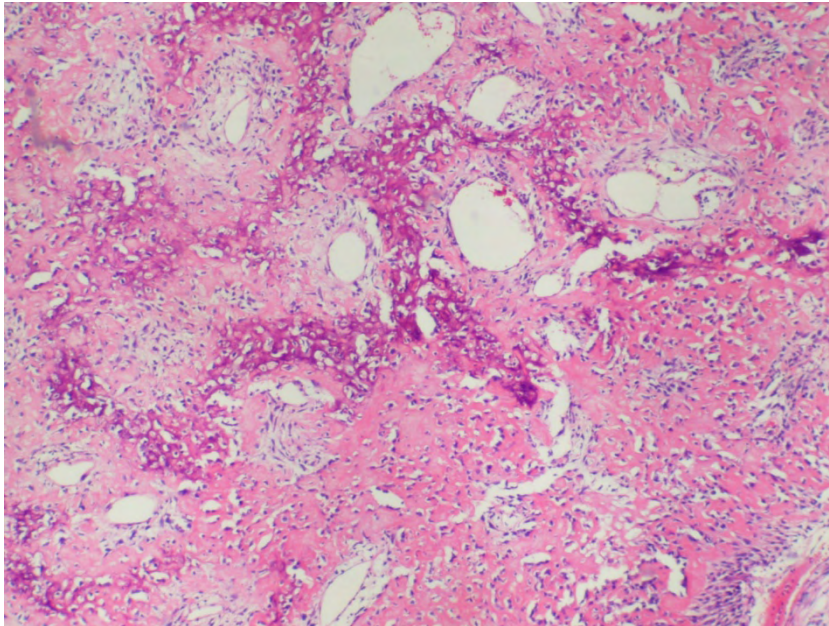
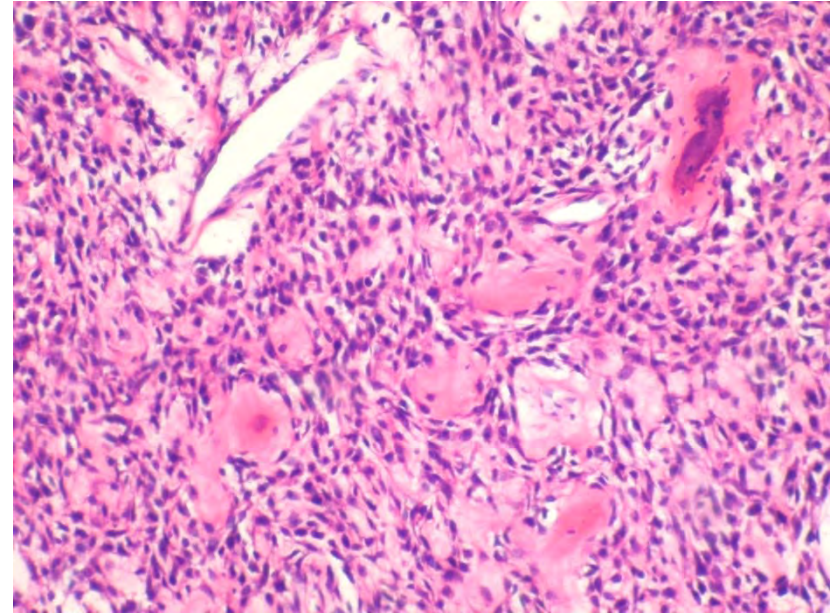




# Microscopic Findings (08-2575)

**Cementum**

**Osteoid matrix**





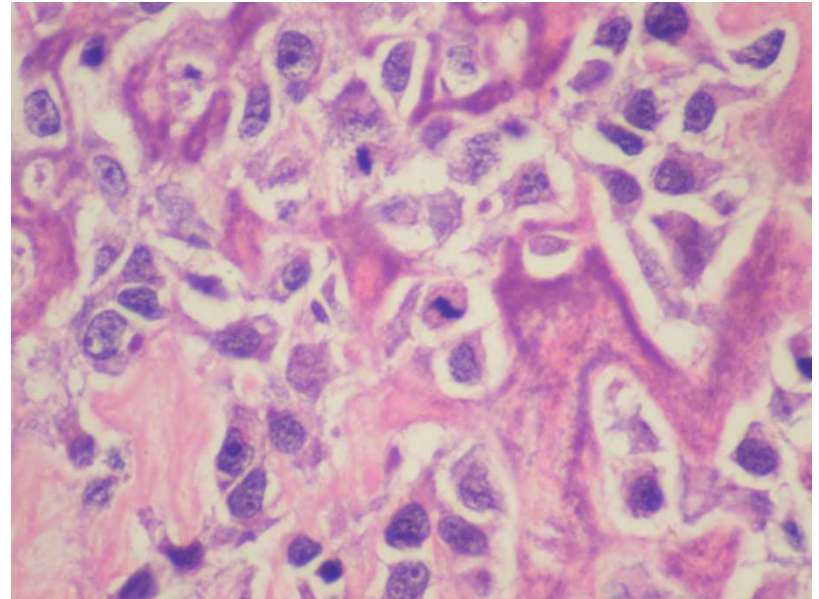
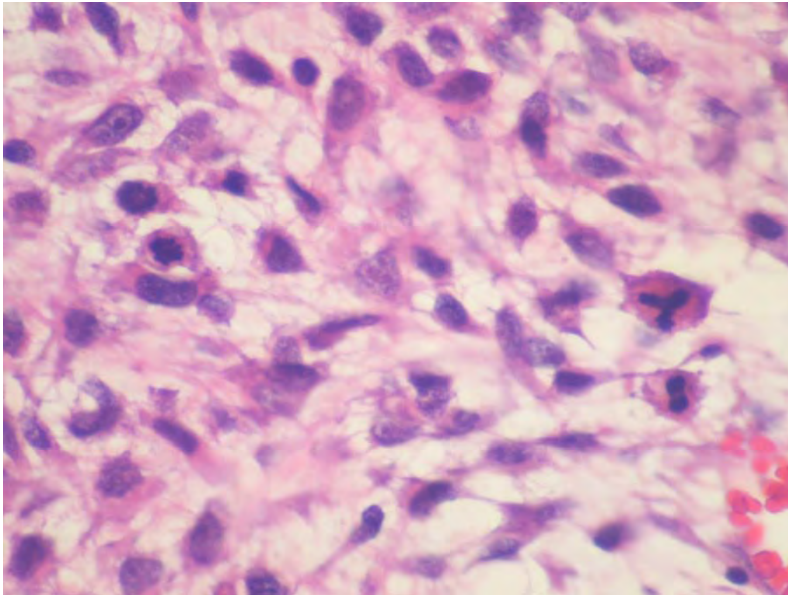
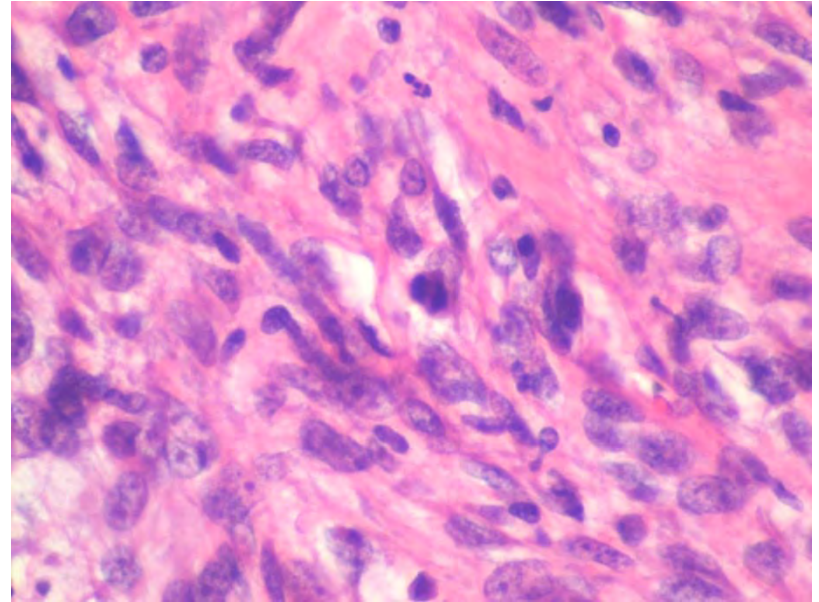
# Microscopic Findings (08-2575)

**Cellular atypia**

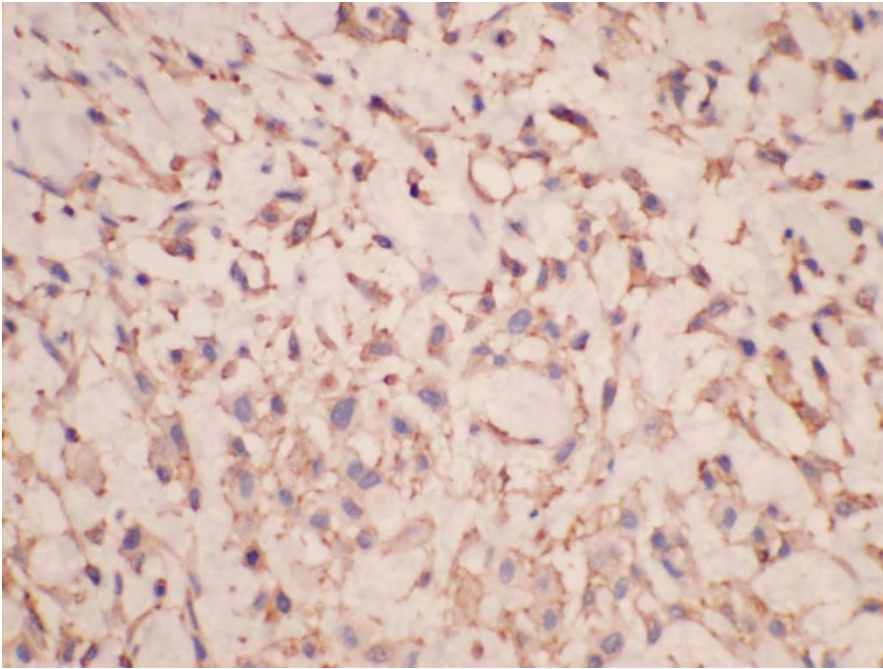
**Hyperchromatism**

**Pleomorphism**

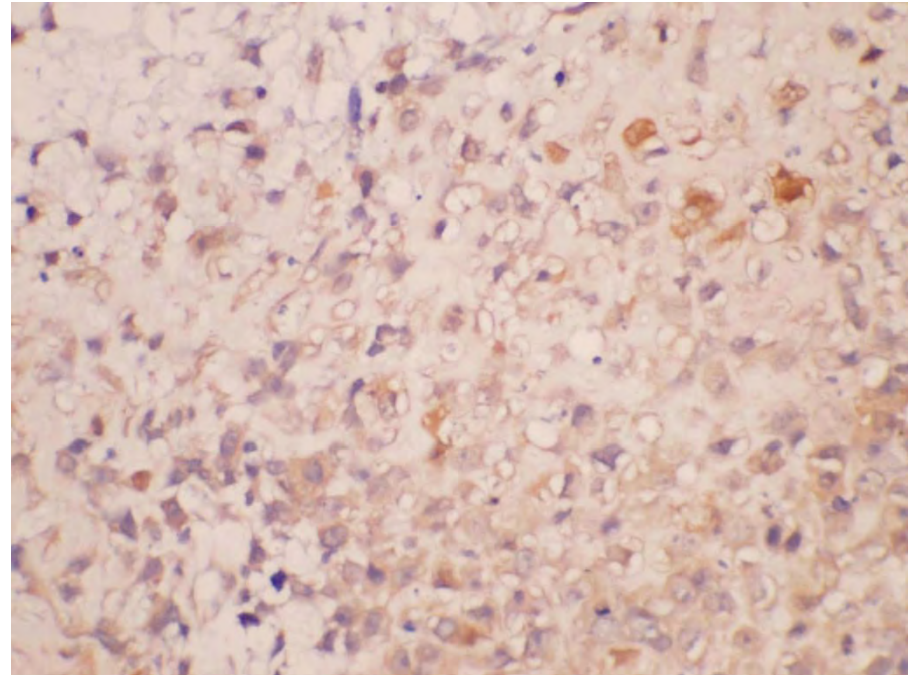
**Abnormal mitoses**



# Immunohistochemical Stains (08-2575)



**CD99 (+)**



**S-100 (+)**

# **Final Diagnosis**

- ❖ Ossifying fibromyxoid tumor with malignant change and features of a low-grade osteosarcoma**

**Bone, Mandible, Right, En bloc resection**

# Differential Diagnosis

- ❖ Low grade osteosarcoma

CD99(-)

- ❖ Fibromyxoid sarcoma

S-100(-), rosettes

- ❖ Fibrosarcoma

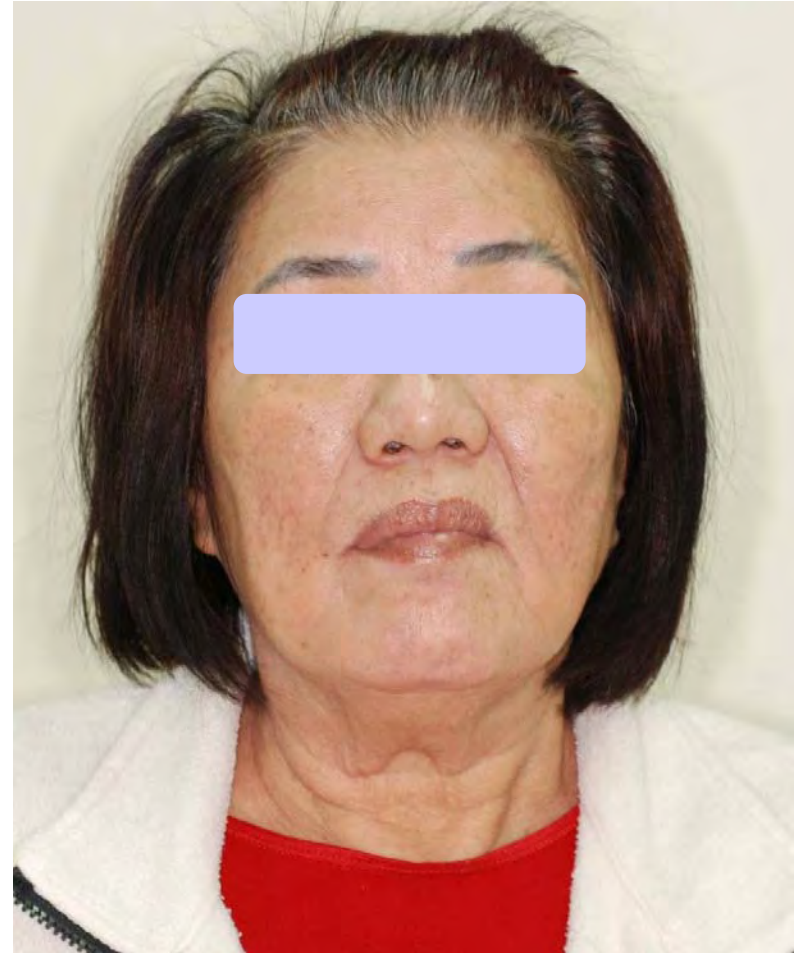
- ❖ Malignant mixed tumor

CD99(-)



# Case 4

- ❖ Name : 劉吳xx
- ❖ Gender : female
- ❖ Age : 58y/o
- ❖ V.S. : 陳中和醫師
- ❖ Visit date: 97.10.28
- First visit : 96.05.24



# Chief Complaint

- ❖ A recurrent mass over hard palate



# Present Illness

- ❖ The 58y/o female found a mass over left palate about 7~8 years ago. She didn't felt any discomfort, so she didn't seek for any treatment. Till she went to 阮綜合 hospital for prosthesis fabrication, Dr. 蔡政峰 noted the mass. Incisional biopsy was performed on 960409 and the H-P report showed mixed tumor .

# **Present Illness** con't

- ❖ She was referred to our OS OPD on 96/05/24. Conservative excision of tumor was performed on 96.8.11. After surgery, she was lost follow up till 97.10. The p't found a mass over the same site so she came to OS OPD for treatment.**

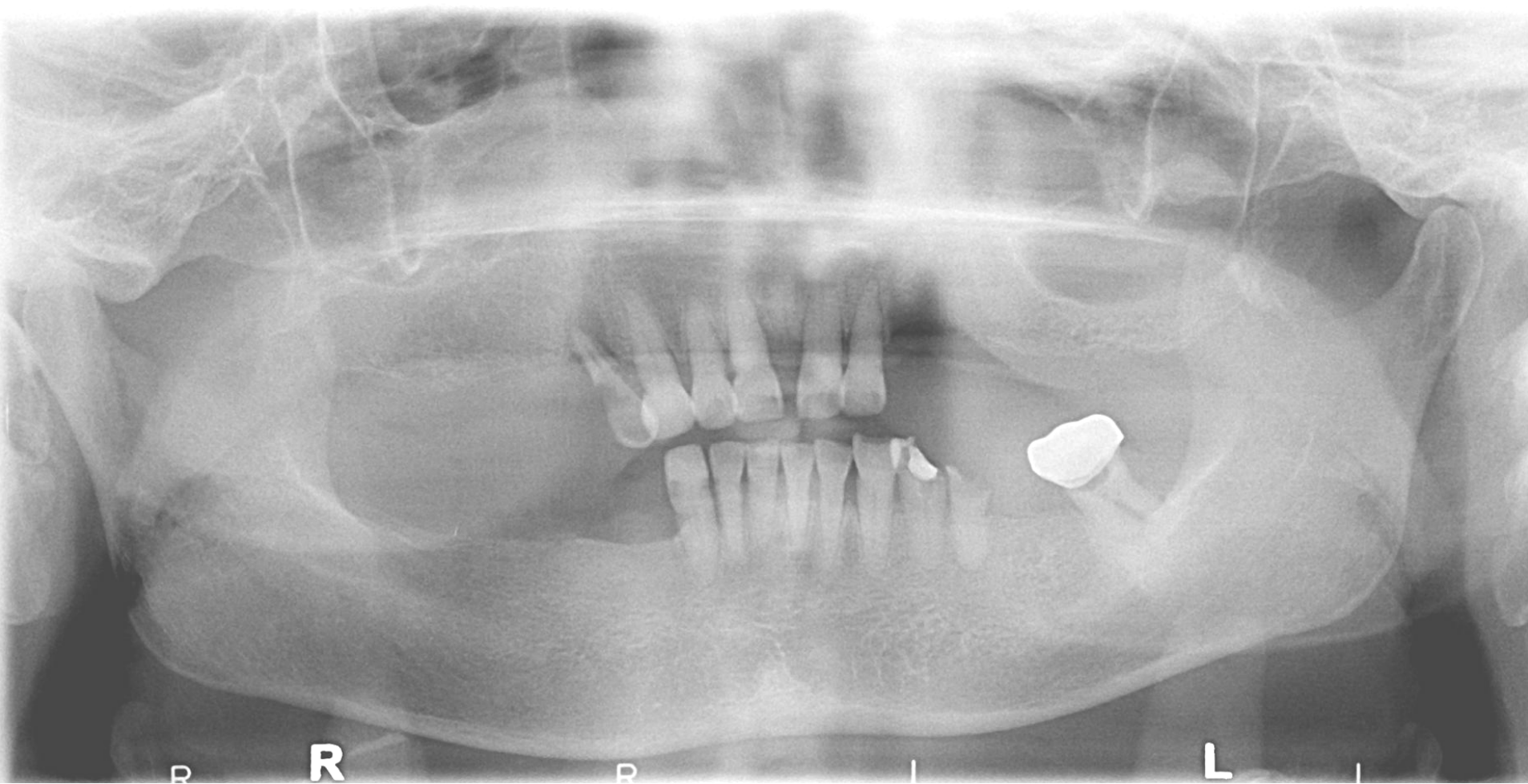


# Oral Examination 96.5.24

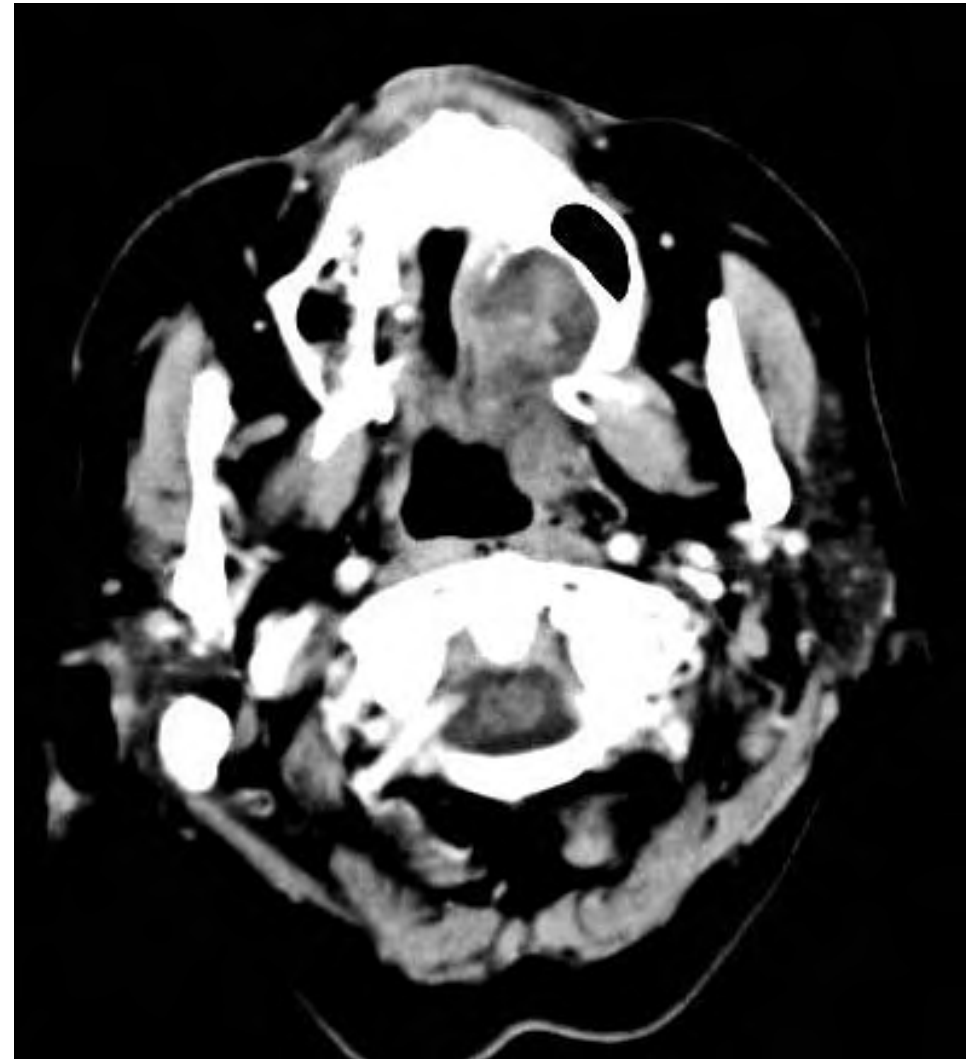
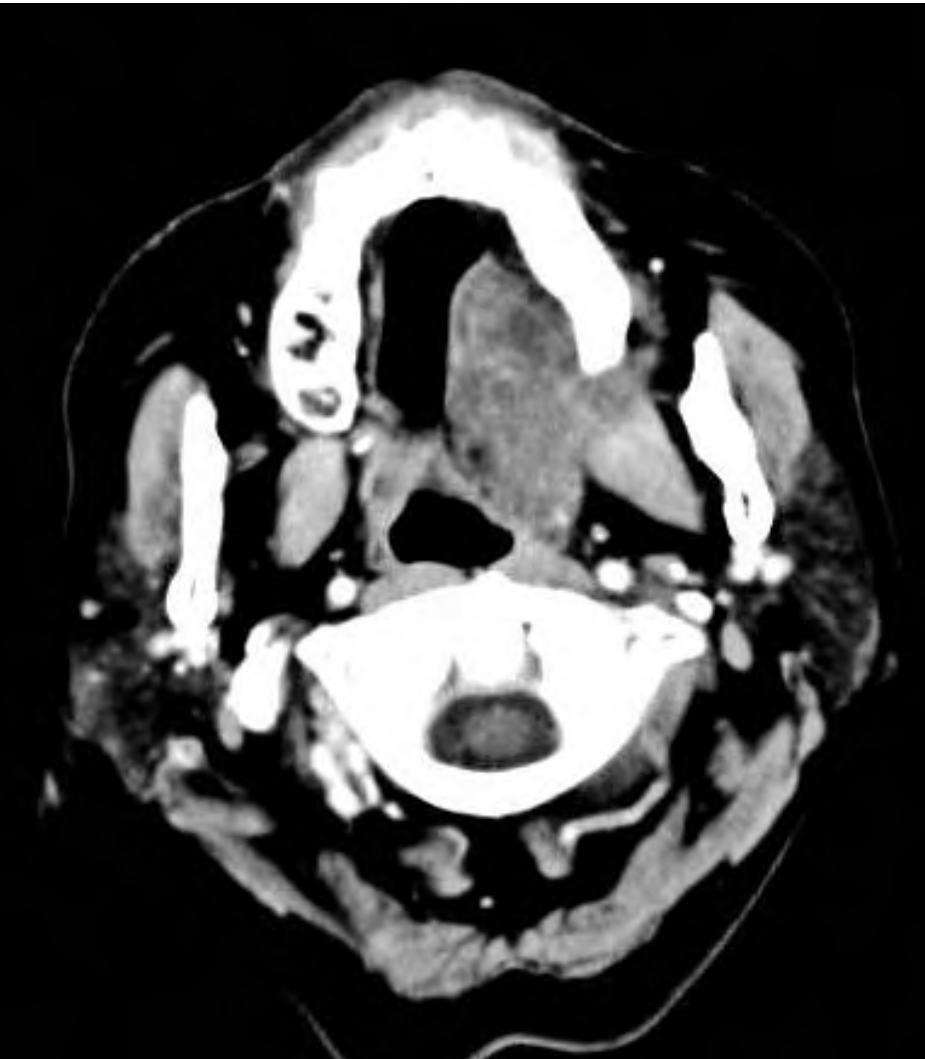
- ❖ **Dimension: 6 x 4 cm**
- ❖ **Color: pink**
- ❖ **Surface: smooth**
- ❖ **Dome shape**
- ❖ **Consistency: rubbery**
- ❖ **Pain: (-)**
- ❖ **Tenderness(-)**



**Panorex 96.05.24**



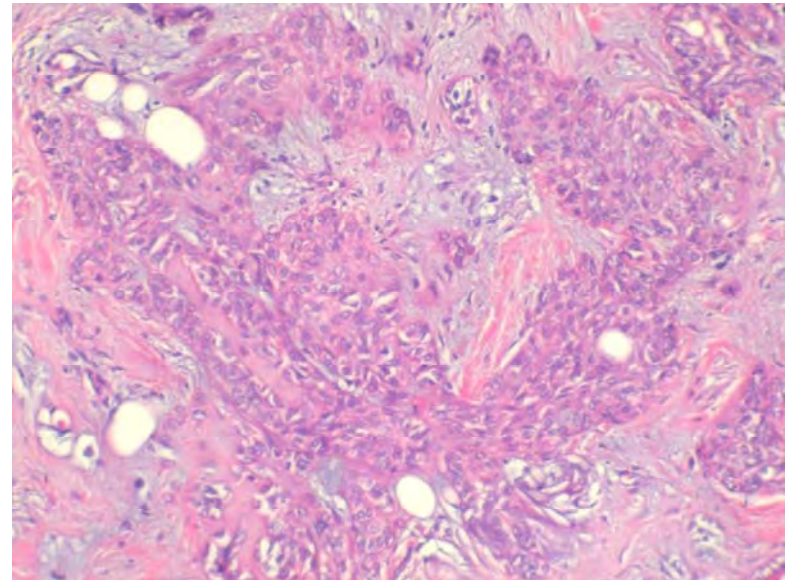
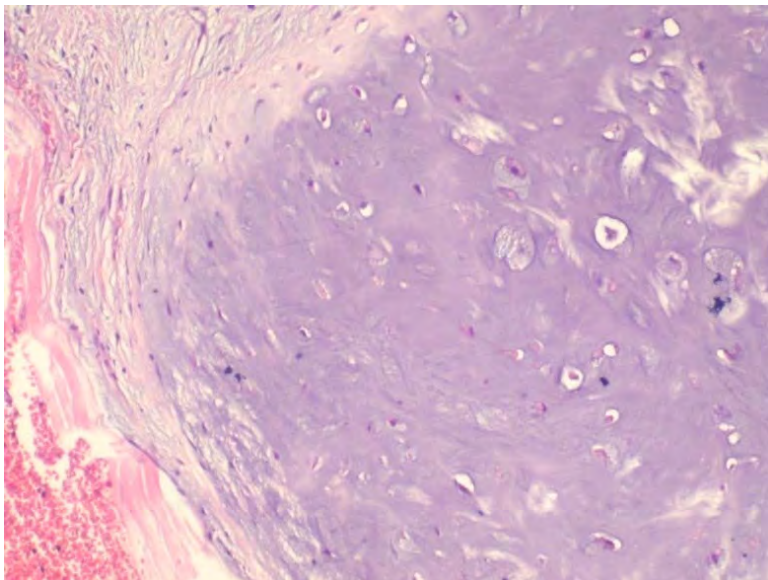
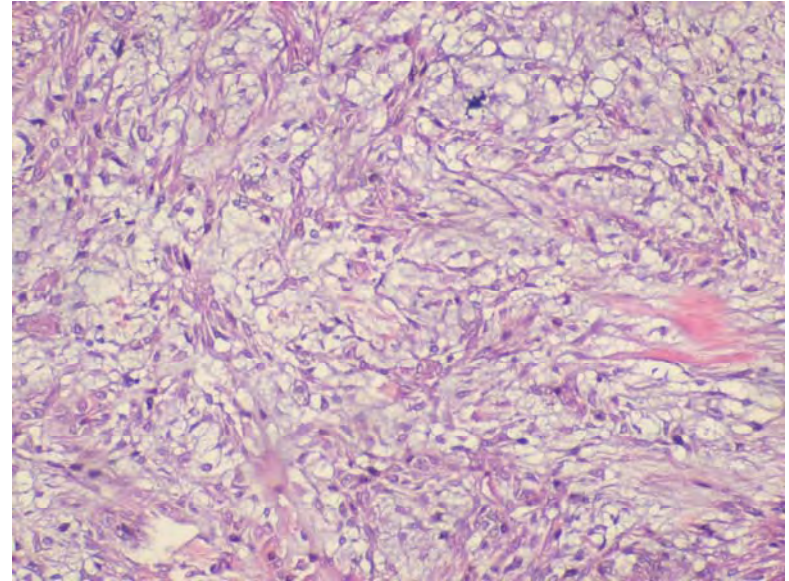
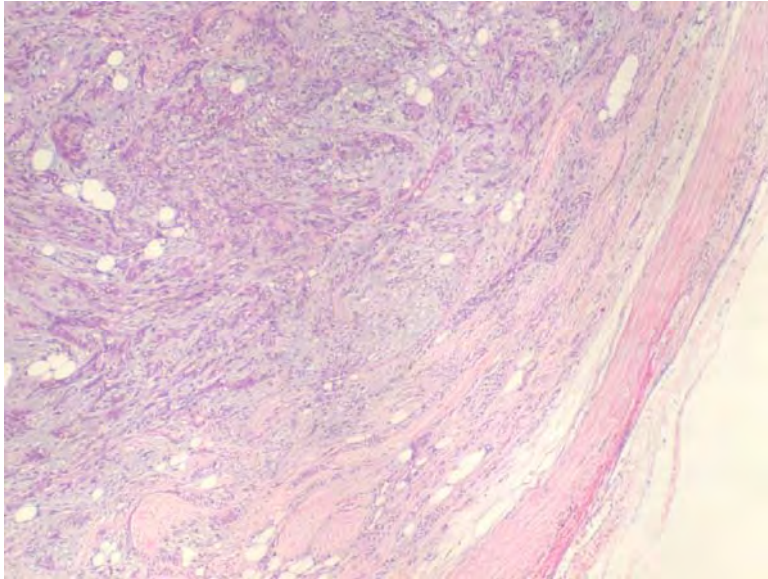
# CT 96.04.25 (阮綜合hospital)





# Microscopic Findings

## 96.08.11





# **HP Report 96.08.11**

**❖ Pleomorphic adenoma over hard  
palate**

# Past History

## ❖ Past Medical History

Systemic disease: DM, HTN, HBV carrier,  
stroke(4 yrs ago)

Drug allergy: denied

## ❖ Past Dental History

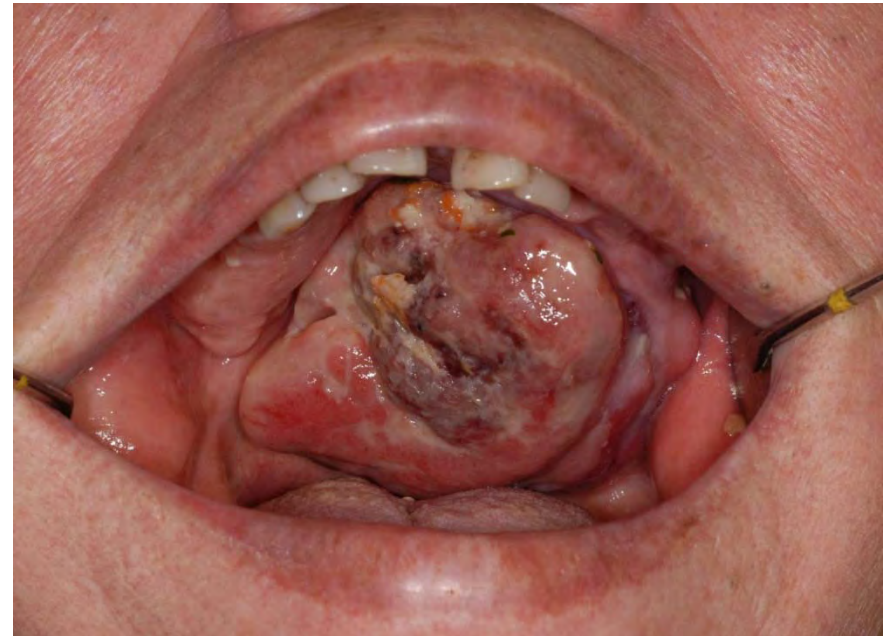
NP

## ❖ Personal habit

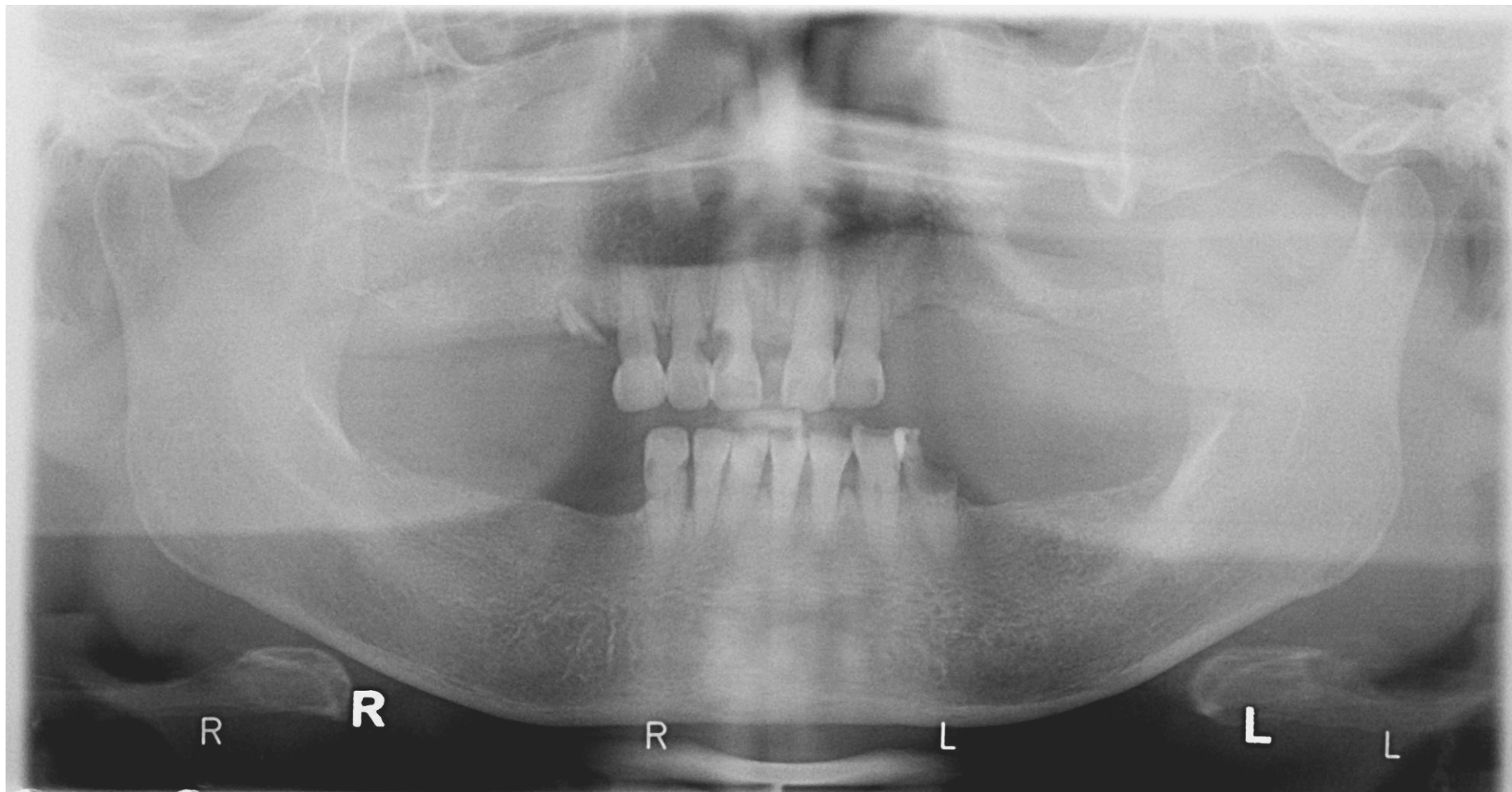
A(-), B(-), C(+) 1 pack/day, quit now

# Oral Examination 97.11.12

- ❖ Huge protruding mass at left palate ,extending across the midline, 7x 6 cm
- ❖ Surface : rough, ulcerative
- ❖ Pain: mild
- ❖ Base : pedunculated
- ❖ Tenderness(-)
- ❖ Consistancy : firm
- ❖ Paresthesia over infraorbital nerve
- ❖ Nose congestion

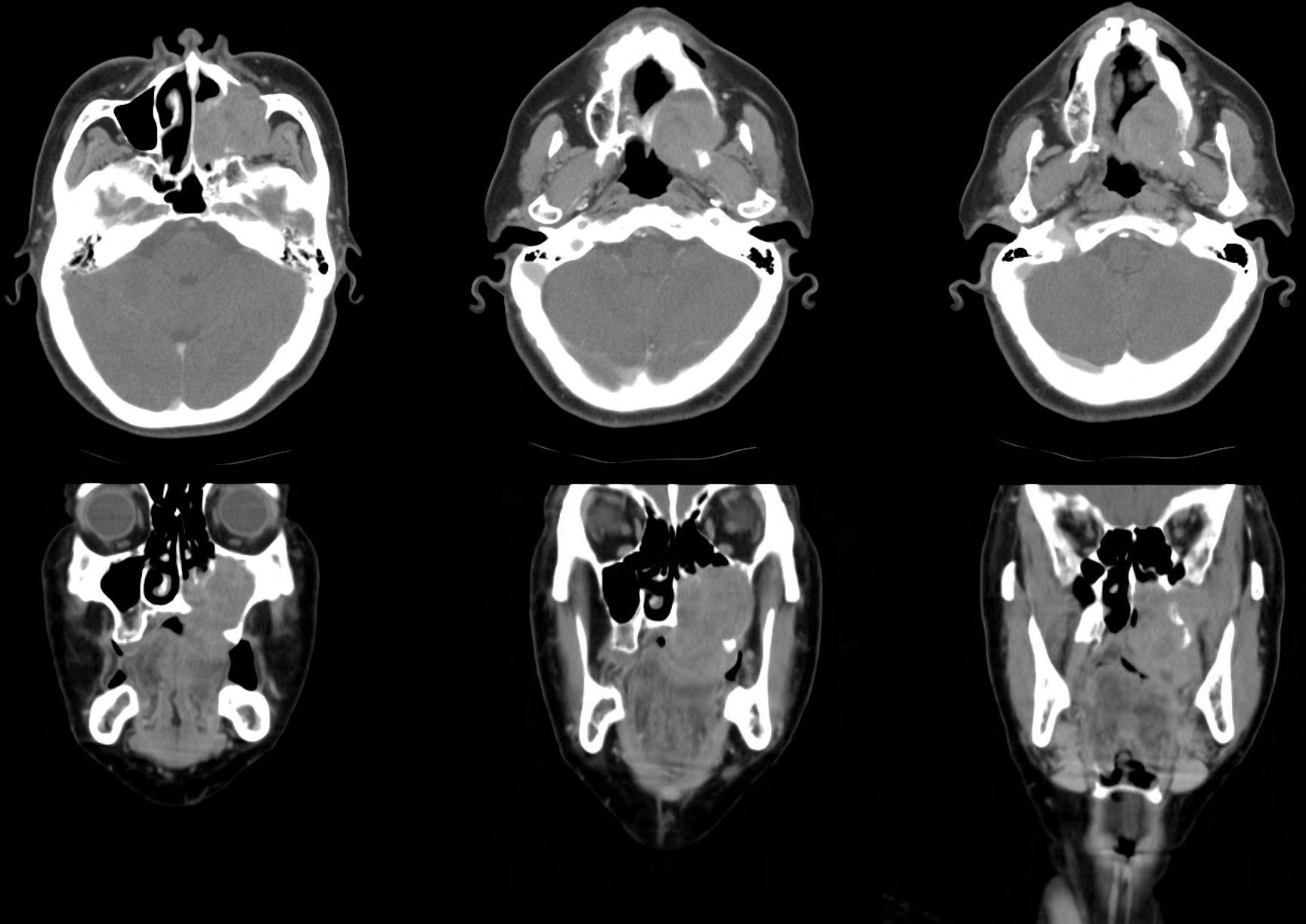


# Panorex 97.11.12



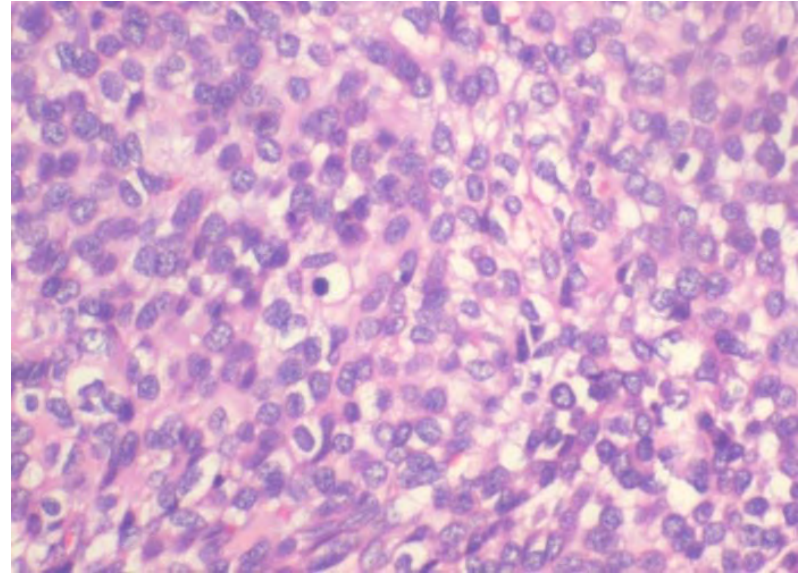
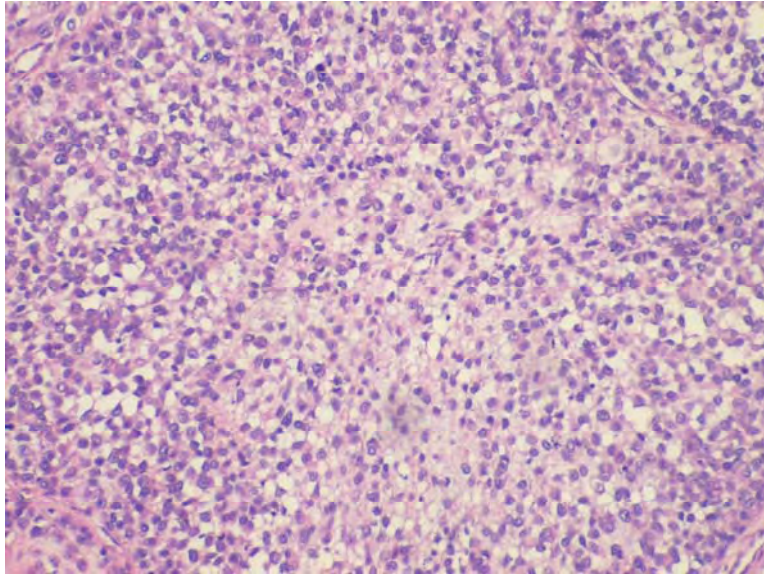


# CT Image 97.11.06



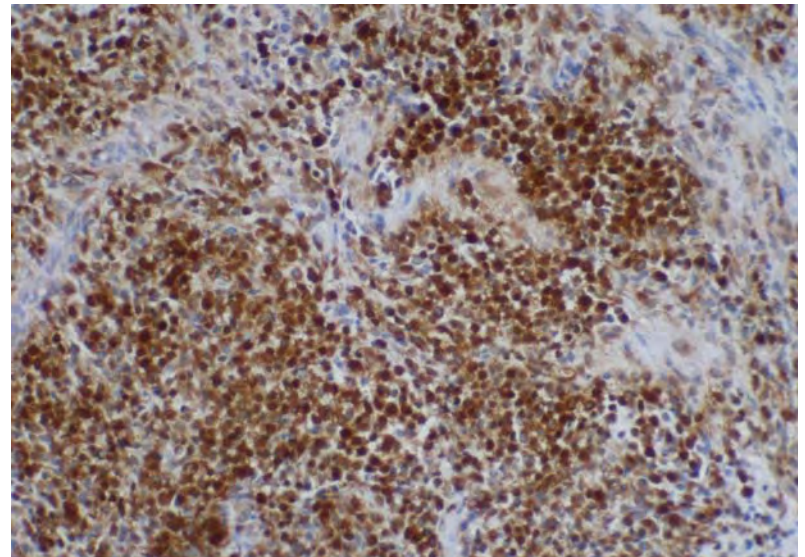
# Microscopic Findings

## 97.11.12



**Immunohisto-  
chemical stain**

**S100(+)**



# **Final Diagnosis**

- ❖ Pleomorphic adenoma, cellular type  
over hard palate and left maxillary  
sinus**

# Case 5

- ❖ Name: 葉XX
- ❖ Gender: Male
- ❖ Age: 19 y/o
- ❖ VS: 沈也雄 醫師
- ❖ First Visit: 97.06.30





# Chief Complaint

- ❖ **A swelling mass over R't cheek for 6 months**

# Present Illness

- ❖ This 19 y/o male suffered from the painless swelling mass over R't cheek for 6 months. He felt pain when palpating, so he went to ENT dept of 高醫、彰基 hospitals, but the doctors could not make the impression surely. He came to OS OPD for further evaluation and treatment.

# Past History

- ❖ **Past medical history**

**Systemic disease : denied**

**Hospitalization : denied**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(-), B(-), C(-)**

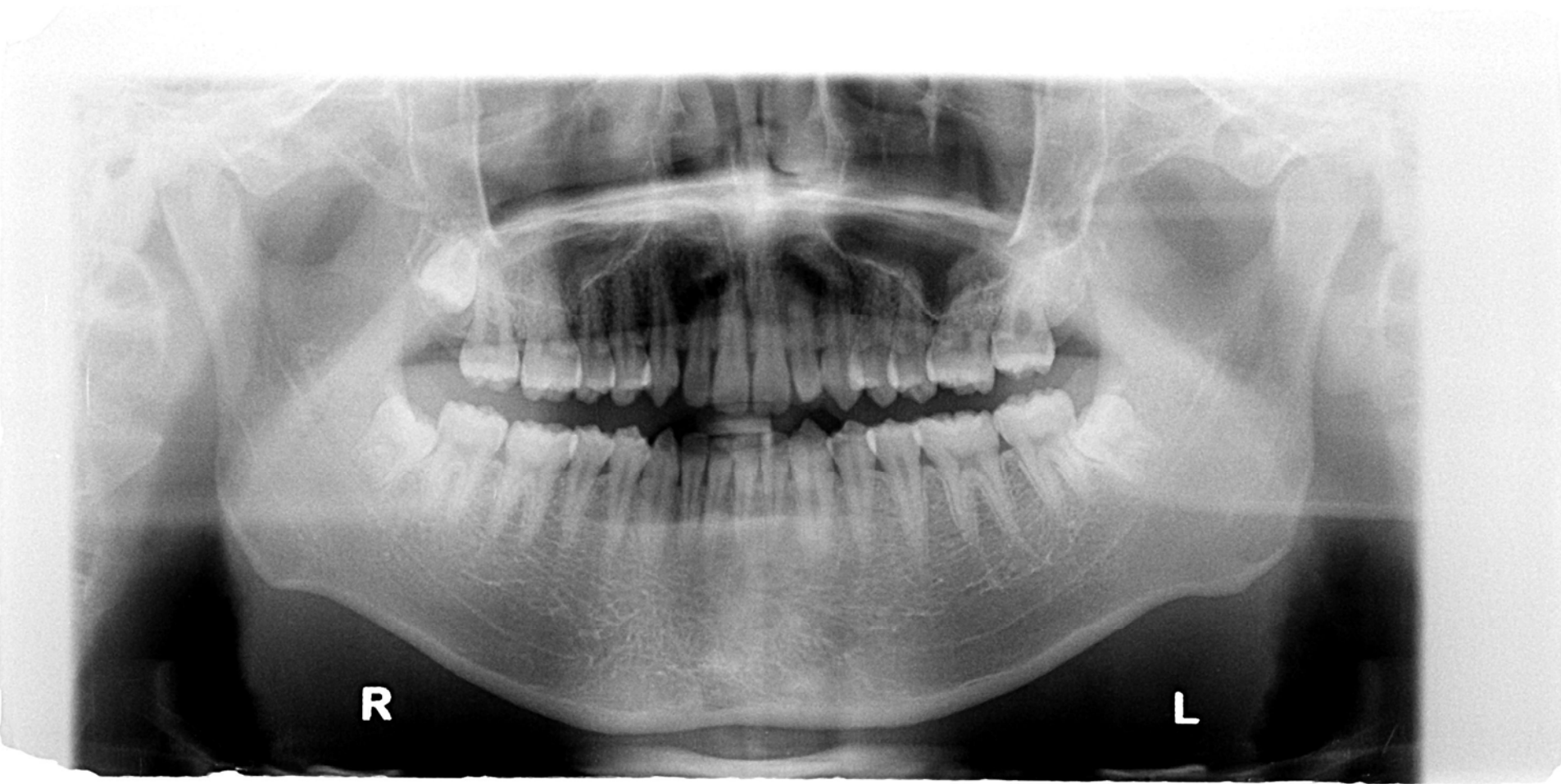
# Oral Examination

- ❖ Size: 8 x 7 cm
- ❖ Covering mucosa: intact
- ❖ Color: yellowish
- ❖ Shape: dome
- ❖ Consistency : soft
- ❖ Sessile
- ❖ Pain(+), mild
- ❖ Tenderness(-)





# Panorex



# CT Image



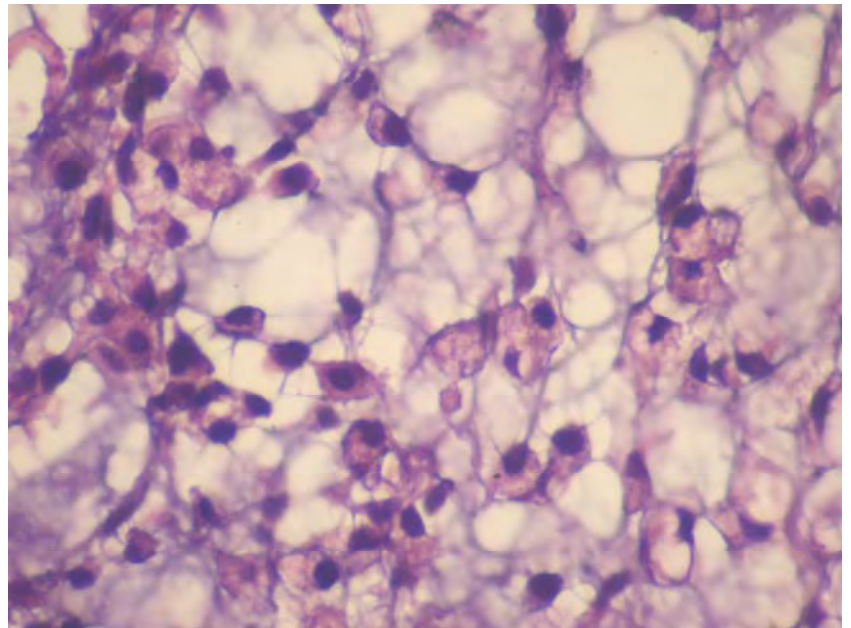
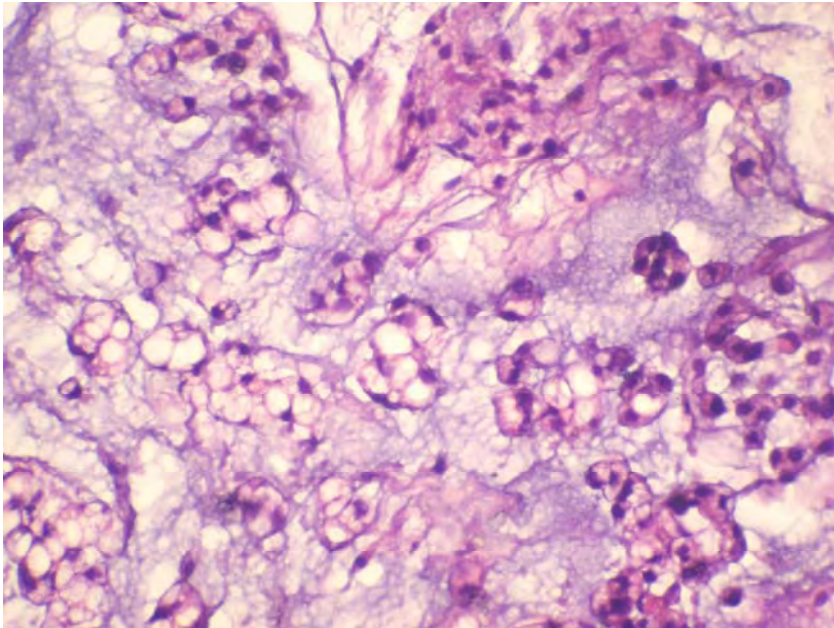
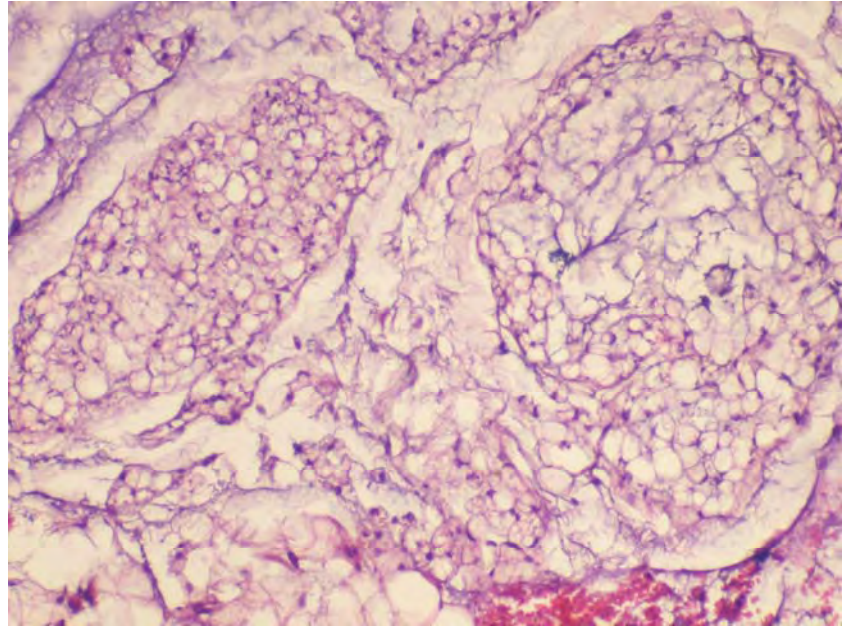
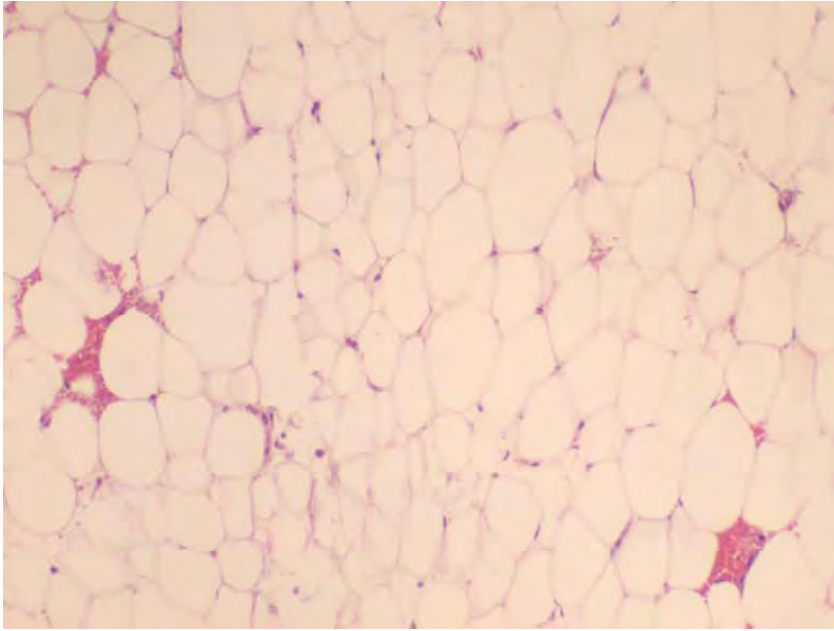
# Clinical Impression

## ❖ Lipoma over right cheek



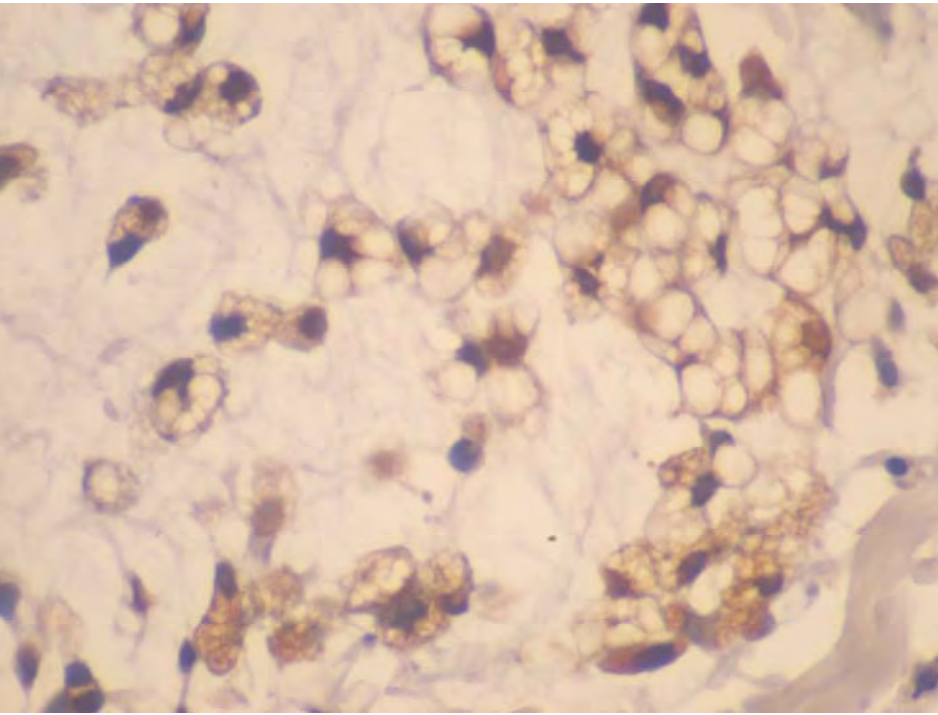


# Microscopic Findings

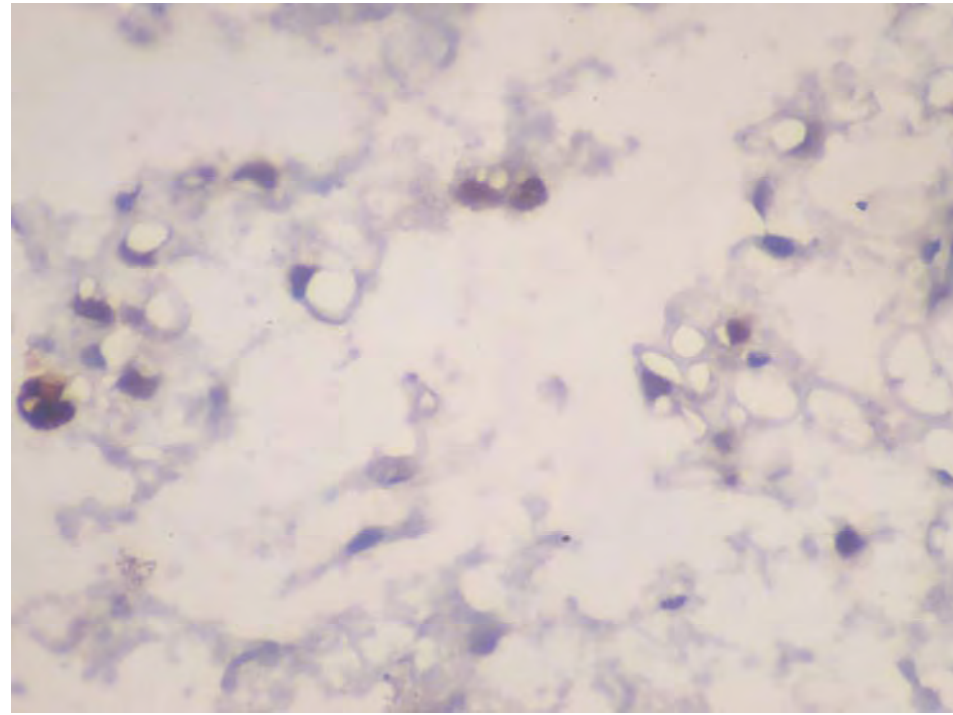




# Immunohistochemical Stains



**S100(+)**



**Ki67(+)**

# **Final Diagnosis**

- ❖ **Aggressive lipoblastoma over right cheek**

# Case 6

- ❖ Name: 劉XX
- ❖ Gender: Male
- ❖ Age: 63 y/o
- ❖ VS: 楊家福醫師
- ❖ First Visit:  
98.02.19



# Chief Complaint

- ❖ **An exophytic mass over left cheek for 1~2 years**



# **Present Illness**

- ❖ This 63 y/o male found an exophytic mass over his left cheek 1~2 years ago. He went to a LDC for treatment and the dentist suggested follow up. After seeing Dr. 李惠娥, he came to OS OPD for further management.**

# Past History

- ❖ **Past medical history**

**Systemic disease : Hepatitis C, HTN, Gout**

**Hospitalization : Acute hepatitis**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(-), B(-), C(-)**

# Oral Examination

- ❖ **Size: 2x2 cm**
- ❖ **Covering mucosa intact**
- ❖ **Shape: dome**
- ❖ **Color: pink**
- ❖ **Consistency: firm**
- ❖ **Fixed**
- ❖ **Pain(-), fluctuation(-)  
tenderness(-)**

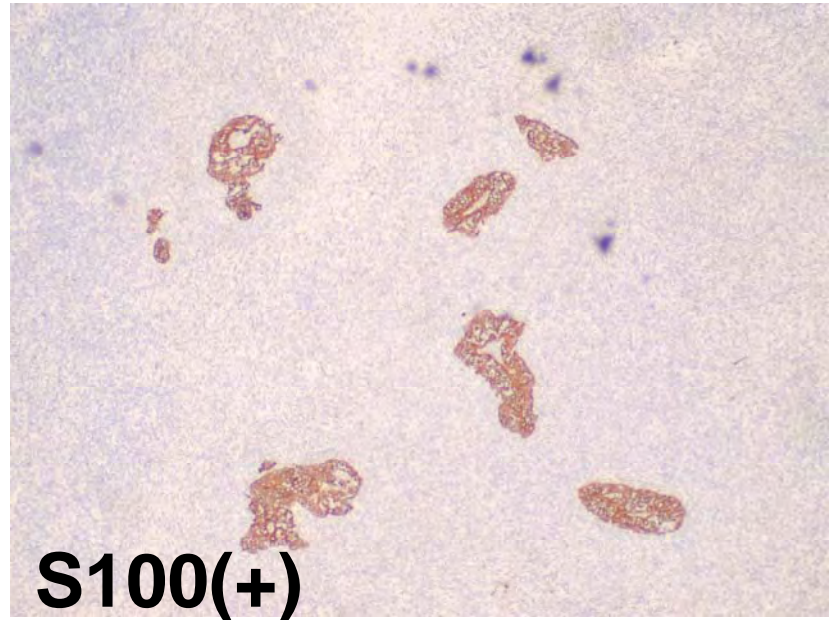
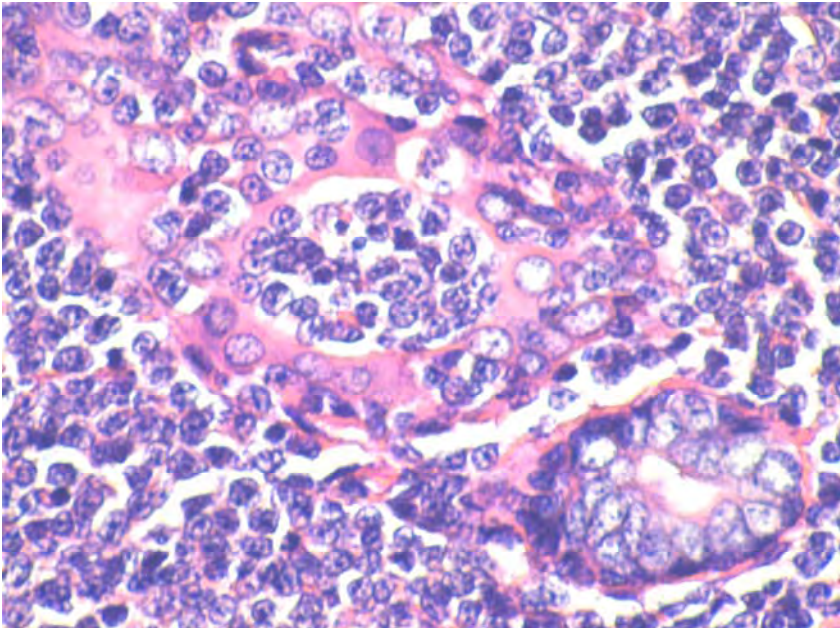
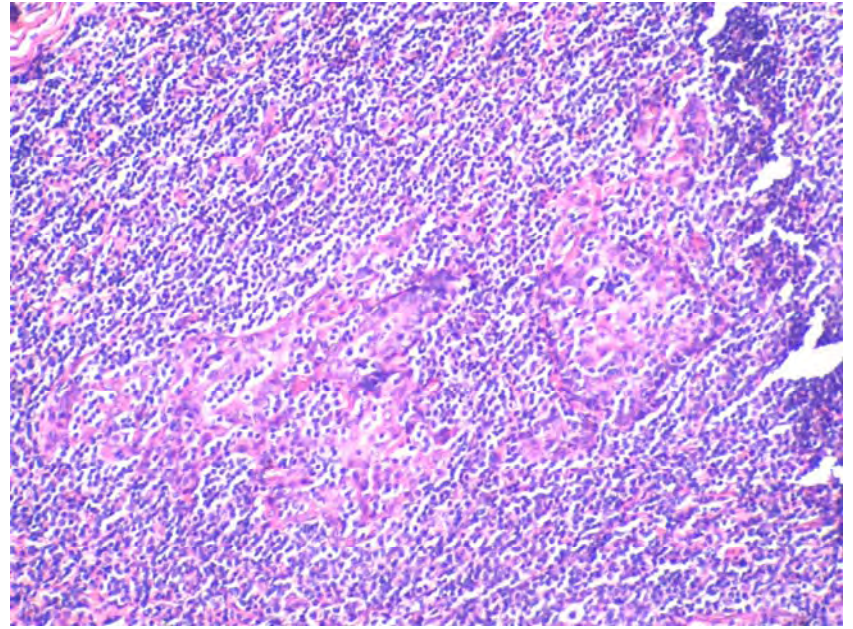
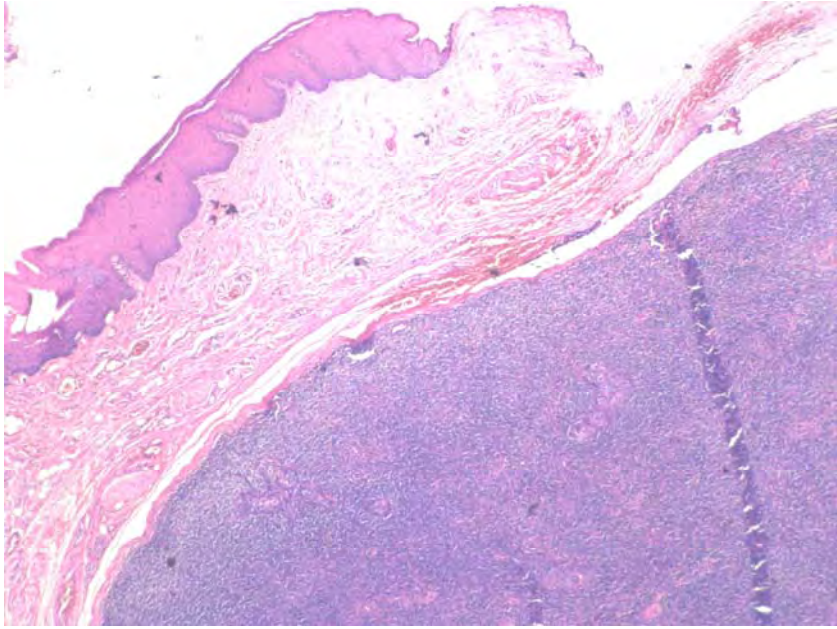


# **Clinical Impression**

❖ **Fibroma over left buccal mucosa**



# Microscopic Findings



**S100(+)**

# **Final Diagnosis**

- ❖ Benign lymphoepithelial lesion over left buccal mucosa**



# Case 7

- ❖ Name: 鄭XX
- ❖ Gender: Male
- ❖ Age: 50 y/o
- ❖ VS: 黃逸岳醫師
- ❖ First Visit:  
98.03.31



# Chief Complaint

- ❖ Referred from 康橋LDC for management of a swelling mass over hard palate





# **Present Illness**

- ❖ This 50 y/o male suffered from a swelling over hard palate for 2 months. He went to 康橋LDC for treatment. The dentist suggested him not to wear his RPD and referred him to OS OPD for torus removal.**

# Past History

- ❖ **Past medical history**

**Systemic disease : Hemangioma**

**Hospitalization : denied**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(+) occasional, B(+) quitted now,**

**C(+) quitted now**

# Oral Examination - 1

- ❖ Anterior middle hard palate
  1. Dimension: 3.5x2 cm
  2. Covering mucosa: intact
  3. Color: pink to red
  4. Shape: dome
  5. Consistency: soft
  6. Pain(-)
  7. Tenderness(-)



# Oral Examination - 2

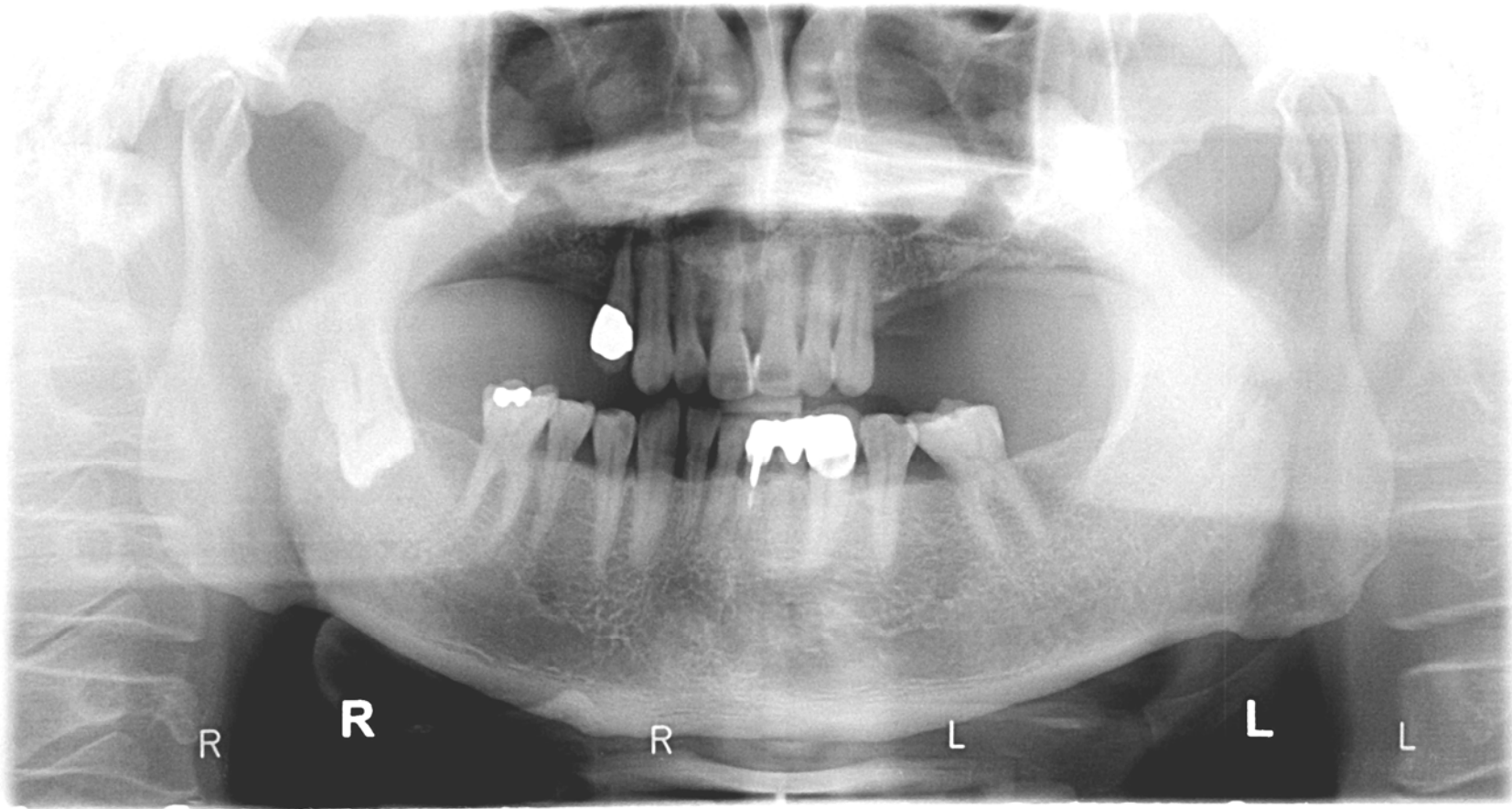
## ❖ Posterior middle hard palate

1. Dimension: 2.5x2 cm
2. Covering mucosa: intact
3. Color: pink
4. Shape: lobulated
5. Consistency: bony hard
6. Pain(-)
7. Tenderness(-)





# Panorex



# Occlusal film



# **Clinical Impression**

## **❖ Anterior hard palate**

**1. Malignant salivary gland tumor**

**→ Mucoepidermoid carcinoma**

**Adenoid cystic carcinoma**

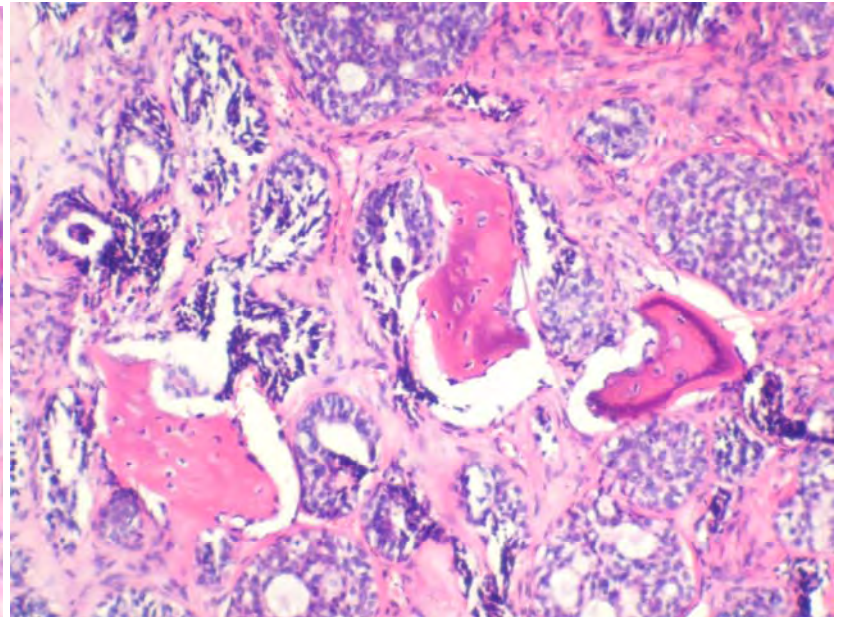
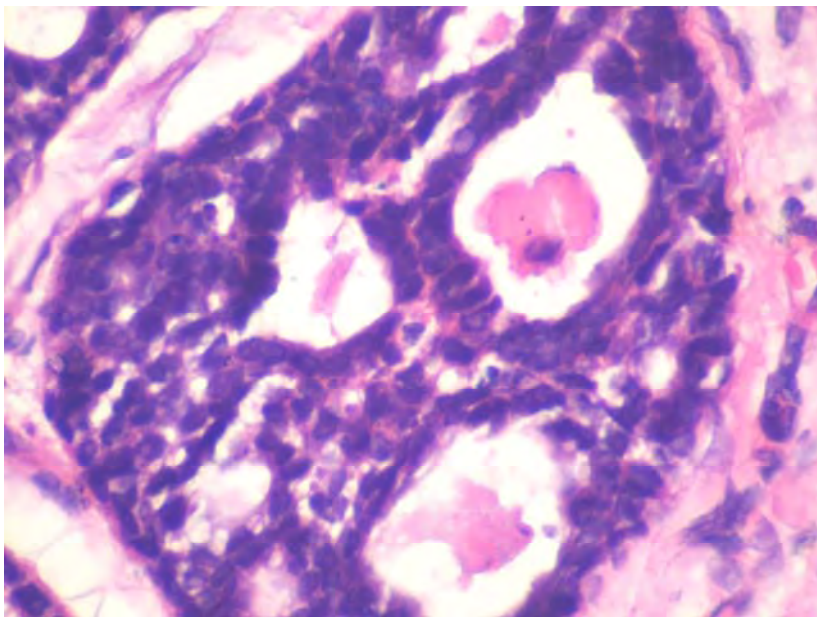
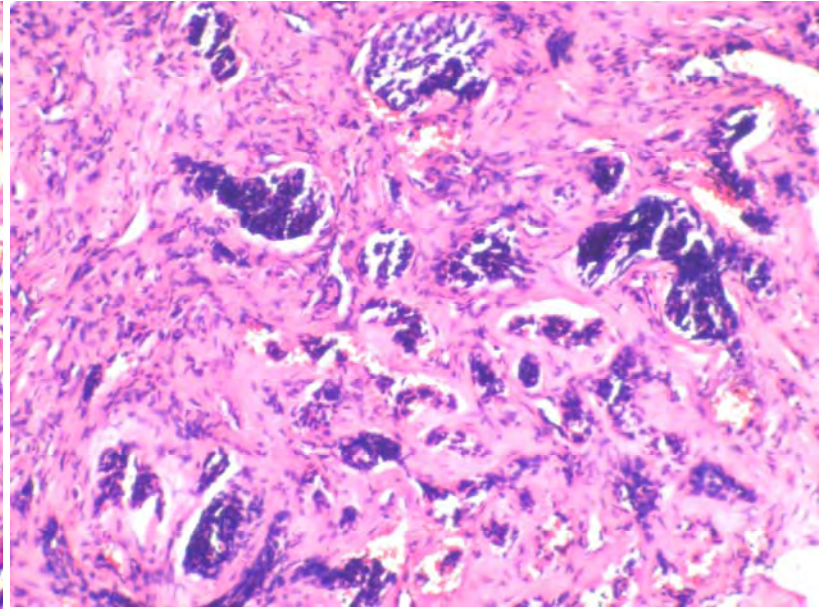
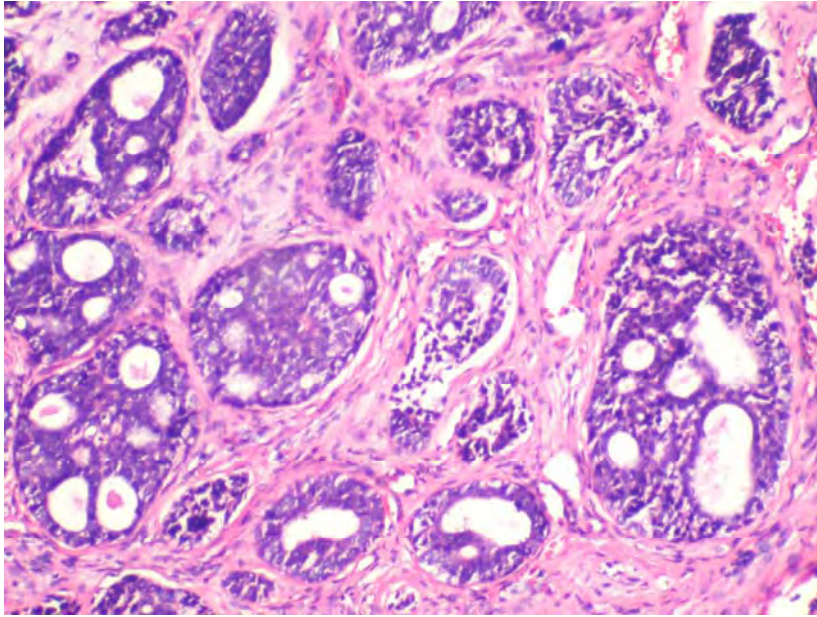
**2. Lymphoma, Histiocytosis X**

**3. Malignant soft tissue tumor**

## **❖ Poterior hard palate**

**Torus palatinus**

# Microscopic Findings

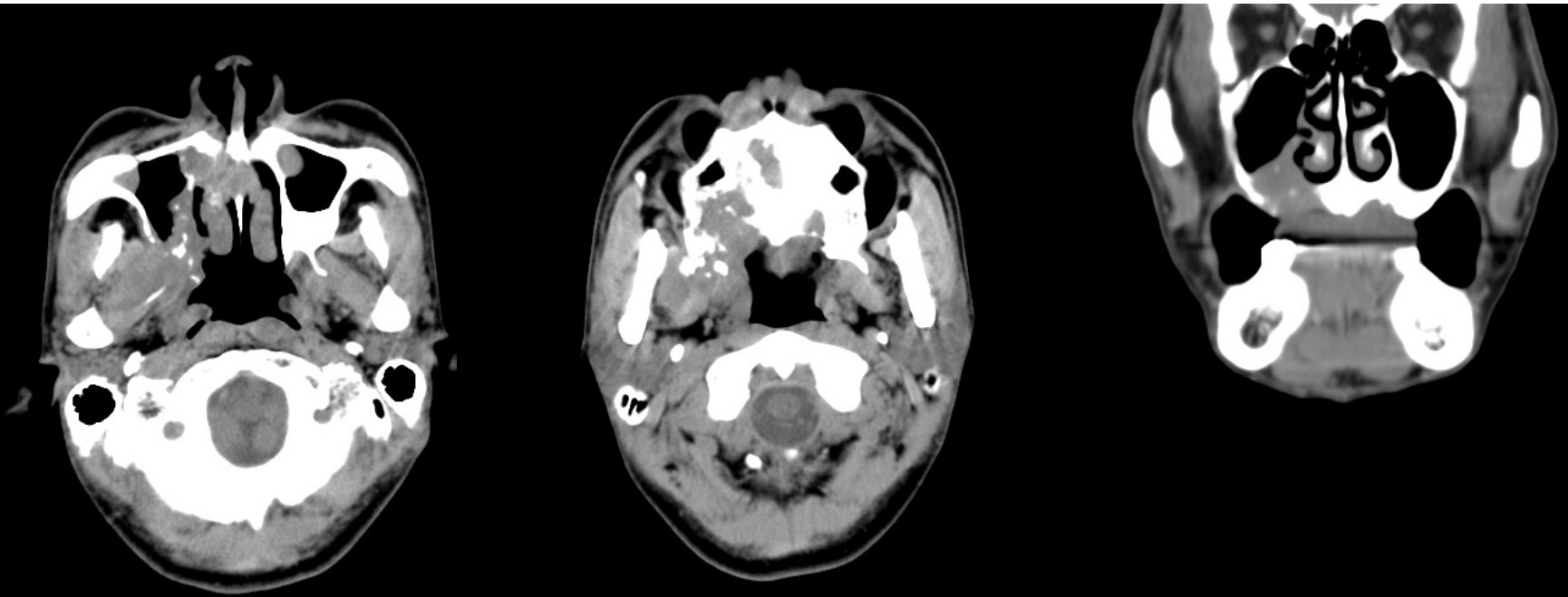




# **Final Diagnosis**

- ❖ Adenoid cystic carcinoma over anterior middle hard palate**

# CT Image



**Origin – minor salivary gland, palate -> sinus  
or sinus → palate**

# Case 8

- ❖ Name: 黃 XX
- ❖ Gender: Male
- ❖ Age: 73 y/o
- ❖ VS: 王文岑 醫師  
高郁勛 醫師
- ❖ First visit: 97.07.09



# **Chief Complaint**

- ❖ Continuous bleeding from right tuberosity for 2 days**



# **Present Illness**

- ❖ This 73 y/o male was a case of liver cancer with brain metastasis. A mass over right tuberosity was found due to bleeding when brushing two days ago. He was brought to OM OPD for further treatment.**

# Past History

- ❖ **Past medical history**

**Systemic disease : denied**

**H&N RT: 3 weeks**

**Drug allergy: aspirin**

- ❖ **Past dental history**

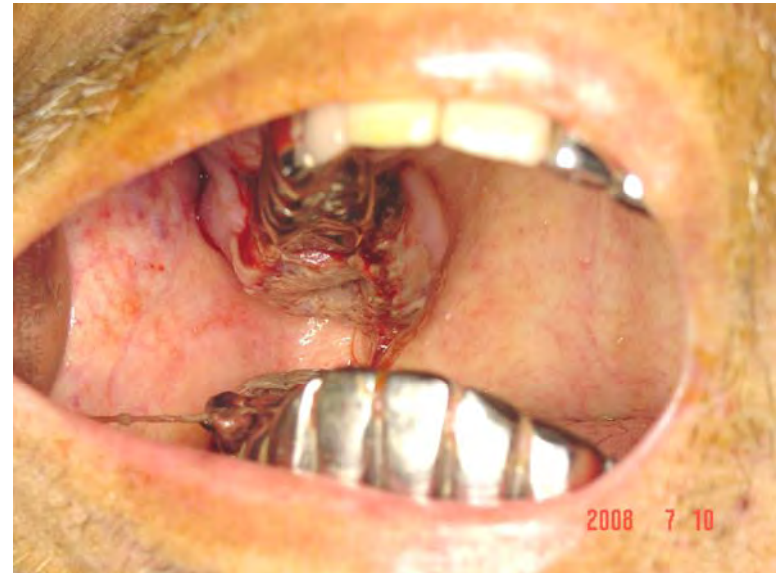
**NP**

- ❖ **Personal habit**

**A(?), B(?), C(?)**

# Oral Examination

- ❖ Exophytic mass over right tuberosity
- ❖ Size: 2.5x1.7 cm
- ❖ Color: red
- ❖ Surface: rough
- ❖ Consistency: rubbery
- ❖ Pain(-), induration(-)



# Panorex

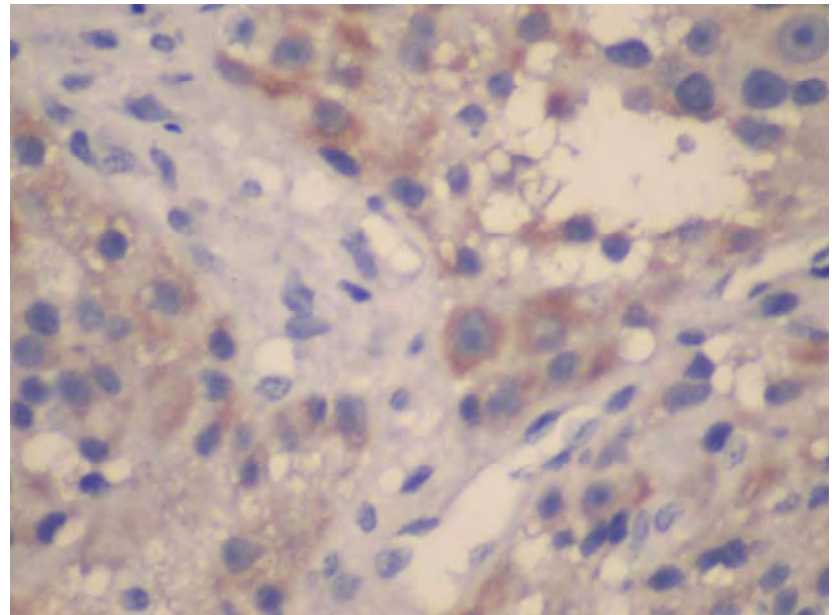
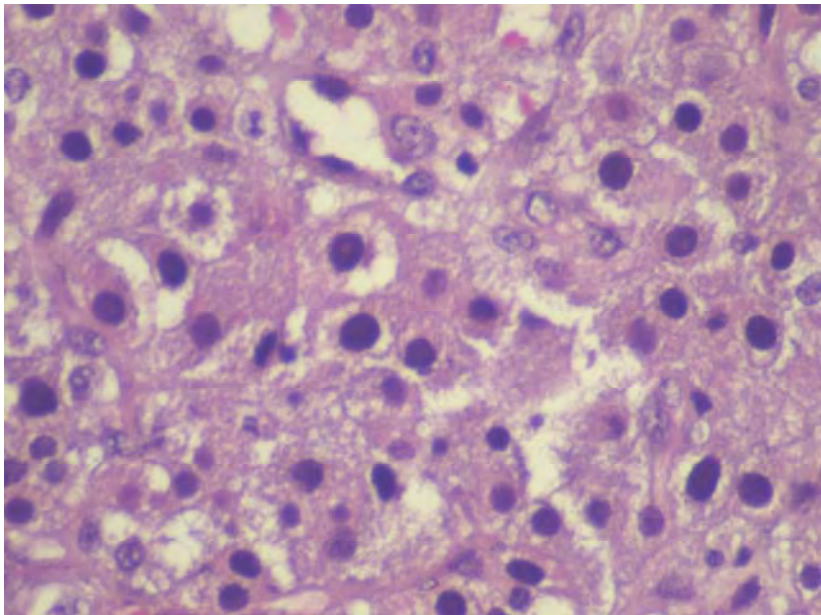
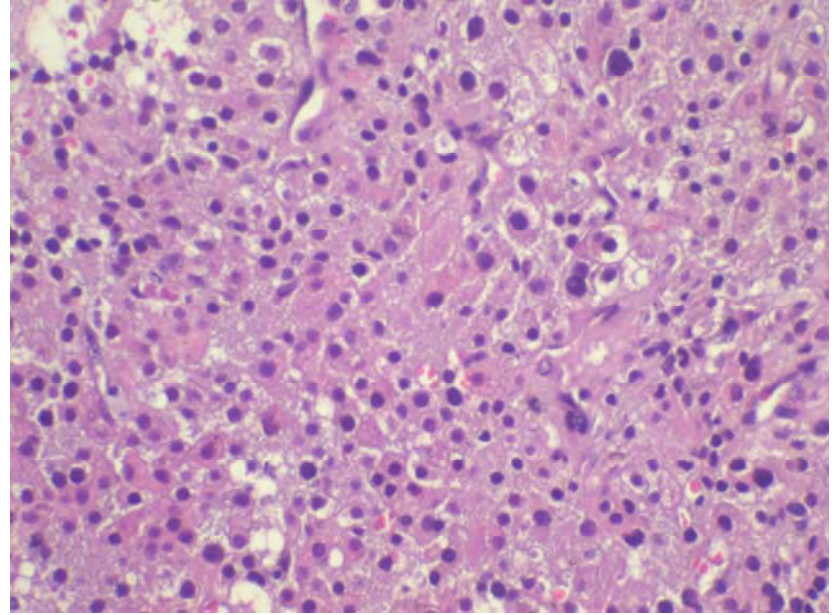
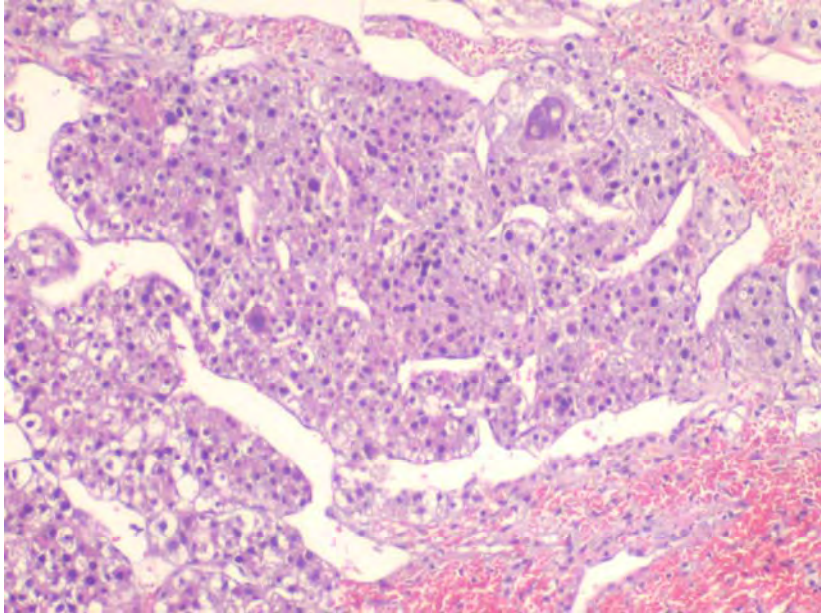




# **Clinical Impression**

- ❖ Hepatocellular carcinoma oral metastasis over right tuberosity**
- ❖ Referred to OS for biopsy**

# Microscopic Findings



# **Final Diagnosis**

**❖ Metastatic carcinoma, suspect HCC**

# Case 9

- ❖ **Name:** 楊吳 XX
- ❖ **Gender:** Female
- ❖ **Age:** 59 y/o
- ❖ **VS:** 楊家福 醫師
- ❖ **First visit:** 98.02.12

# Chief Complaint

- ❖ Painful ulcer over bilateral buccal mucosa and soft palate





# **Present Illness**

- ❖ This 59 y/o female suffered from the above episode for 3 weeks. She had visited several ENT clinic for treatment, but the lesion did not subside. She went to a LDC and was suggested to come to OS OPD for further management.**

# Past History

- ❖ **Past medical history**

**Systemic disease : DM**

**Surgery : thyroid excision**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(-), B(-), C(-)**

# Oral Examination

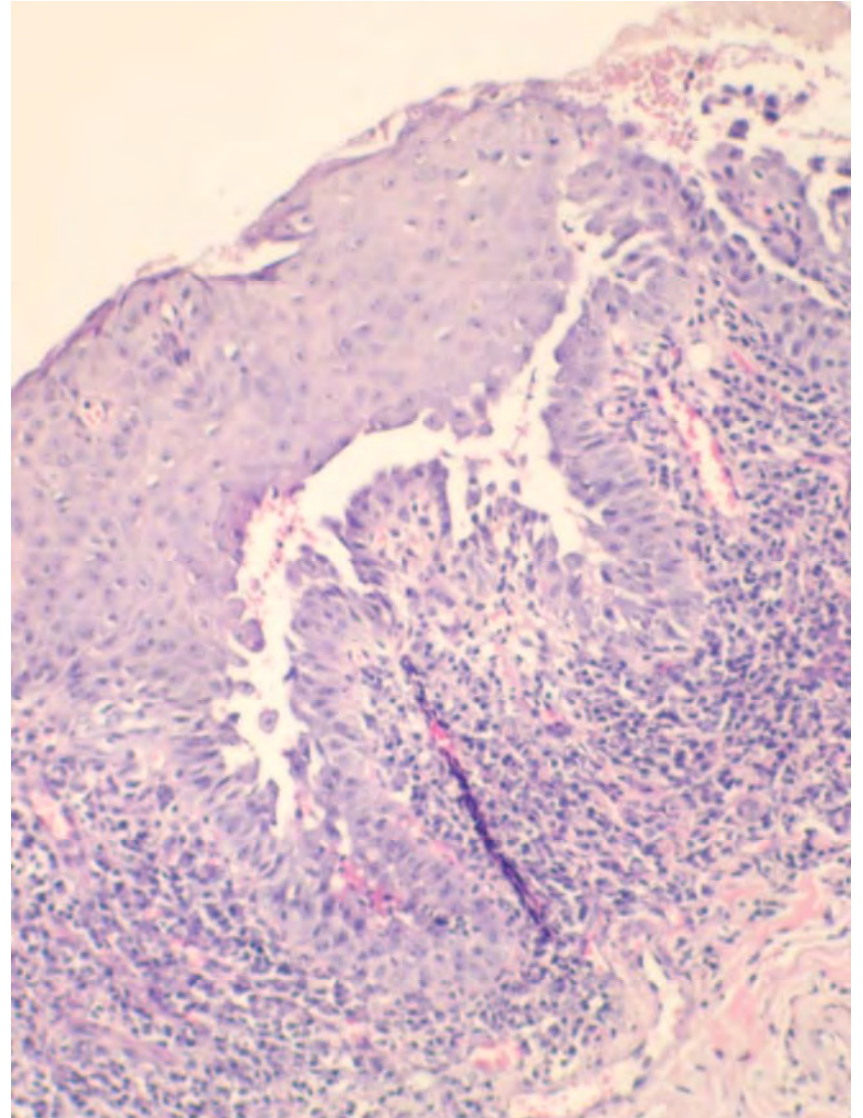
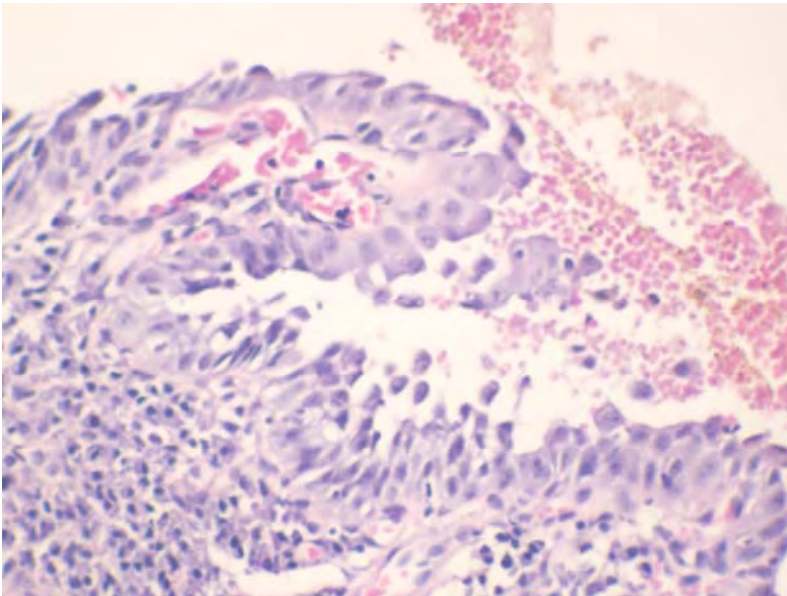
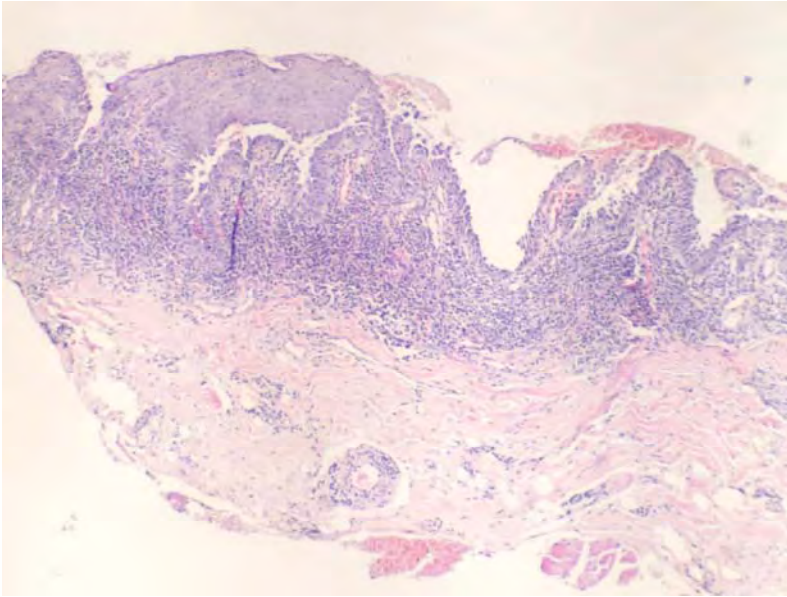
- ❖ **Massive erosive lesion with white border over bil. posterior buccal mucosa, vestibule, retromolar area and soft palate**
- ❖ **Size: 2x1 cm**
- ❖ **Color: red**
- ❖ **Pain(+)**



# **Clinical Impression**

- ❖ Lichen planus over bil. buccal mucosa, vestibule, retromolar area and soft palate**

# Microscopic Findings





# **Final Diagnosis**

- ❖ Pemphigus vulgaris over bil. buccal mucosa, vestibule, retromolar area and soft palate**

# Treatment Course

❖ 98.02.19 referred to  
風溼免疫科

1. Lab survey:  
WNL

2. Steroids

❖ 98.03.05 OM OPD

→ skin lesion

referred to  
dermatology dept.



# Case 10

- ❖ Name: 林 XX
- ❖ Gender: Male
- ❖ Age: 82 y/o
- ❖ VS: 王文岑醫師
- ❖ Consult date:  
97.10.14



# **Chief Complaint**

- ❖ Pain and massive ulcer over upper anterior edentulous ridge and palate for more than 2 months**

# **Present Illness**

- ❖ This 82 y/o male admitted to our hospital due to deep vein thrombosis. Two months ago, he went to a LDC and received tooth 22 extraction. The extraction did not heal and massive ulcer started to appear over upper anterior edentulous ridge and soft palate.**



# Past History

- ❖ **Past medical history**

**Systemic disease : deep vein thrombosis  
under anticoagulation medications**

**Hospitalization : now**

**Drug allergy: denied**

- ❖ **Past dental history**

**NP**

- ❖ **Personal habit**

**A(?), B(?), C(?)**

# Oral Examination

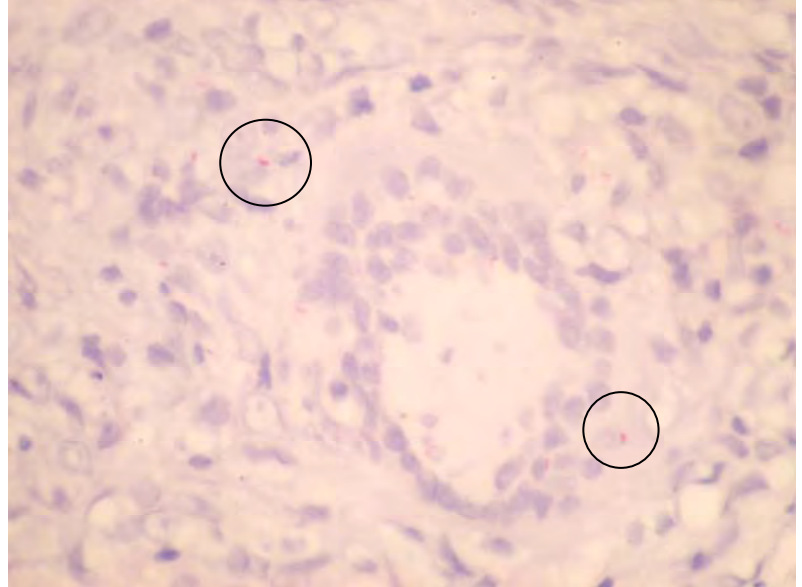
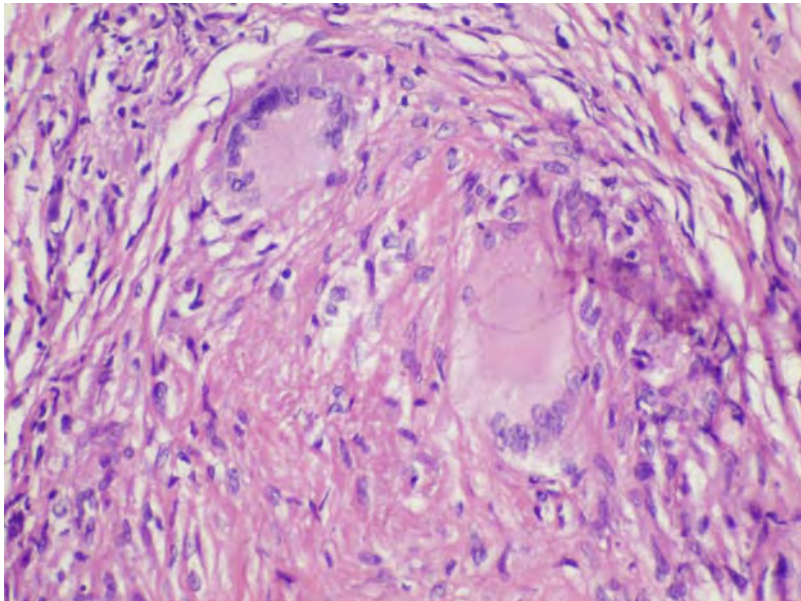
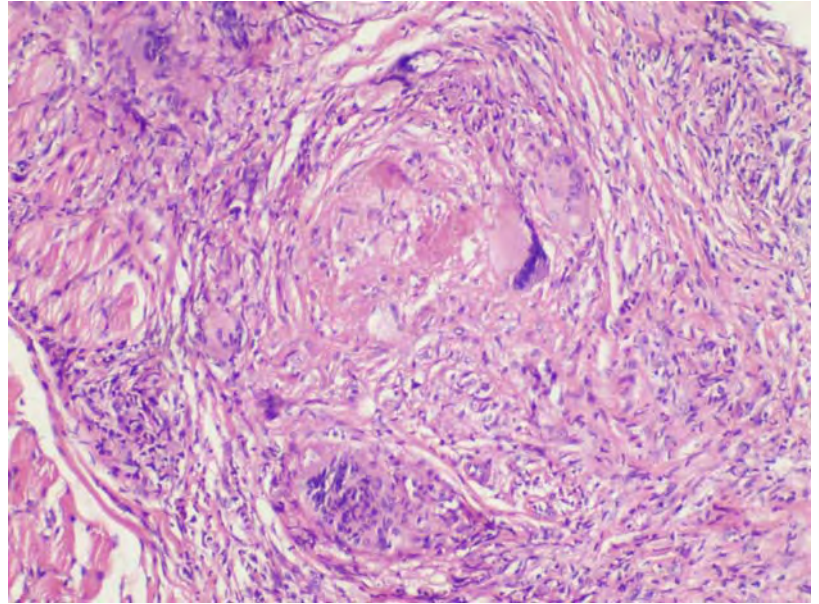
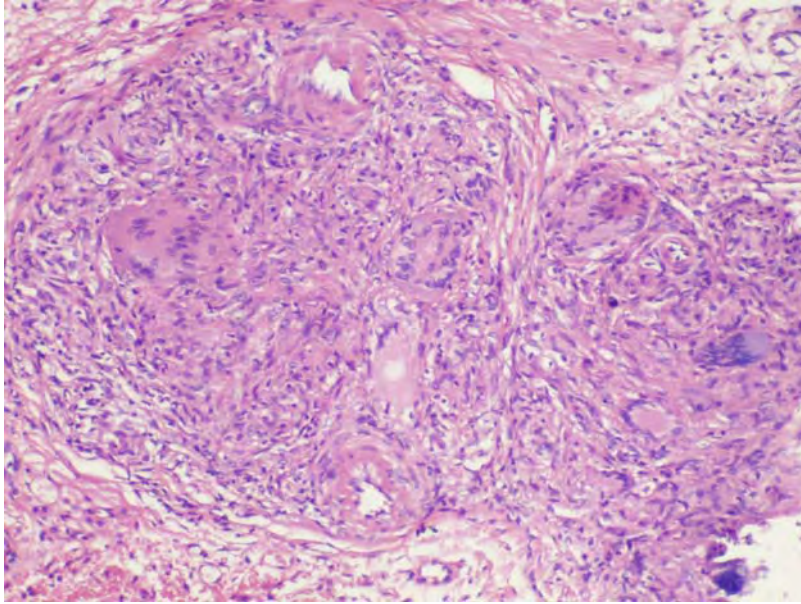
- ❖ Massive ulcer over upper anterior ridge, upper lip, and soft palate
- ❖ Size: 4x2 cm
- ❖ Color: yellowish, coating with sputum-like material
- ❖ Pain(+)
- ❖ Multiple removable white patches over bil. tongue border



# **Clinical Impression**

- ❖ Granulomatous inflammation over upper anterior ridge and soft palate**
- ❖ Candidiasis over bil. tongue border**
- ❖ Consult OS for biopsy**
- ❖ Two smear slides taken → candidiasis**

# Microscopic Findings



# **Final Diagnosis**

- ❖ TB over soft palate and upper anterior edentulous ridge**
- ❖ Candidiasis over bil. tongue border**