



口腔診斷學case report第六組

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General data

- ❖ Name : XXX
- ❖ Sex : male
- ❖ Age : 82
- ❖ Occupation : retired
- ❖ Marital status : yes

Chief complain

- ❖ Unhealing extraction wound and ulceration , sore throat from 2-3 months.

Present illness

- ❖ This 82 y/o male had tooth(22) extraction 2-3 month ago. The extraction wound did not heal and ulcerative lesion started to appear. His son have given him Propolis(蜂膠) to use but no improvement was noted. Recently he felt severe pain when swallowing and could not eat. He came to visit Division of Cardiology due to deep vein thrombosis and was referred to our OPD for the oral lesion.

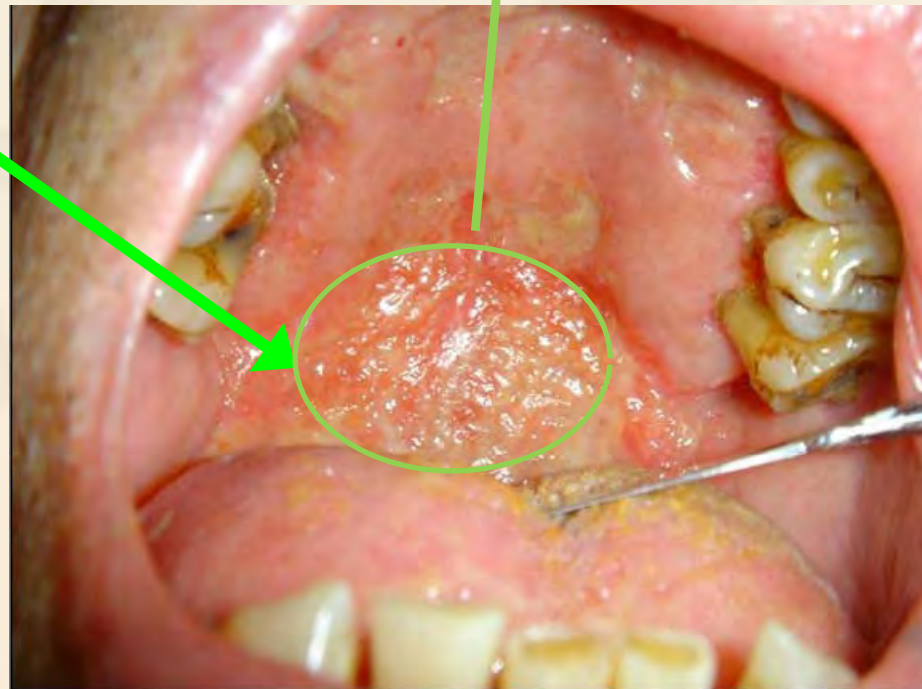
Past medical history

- ❖ Vein thrombosis
- ❖ Drug taking for anticoagulation
- ❖ Hypertension

Intraoral examination

Ulcerative lesion

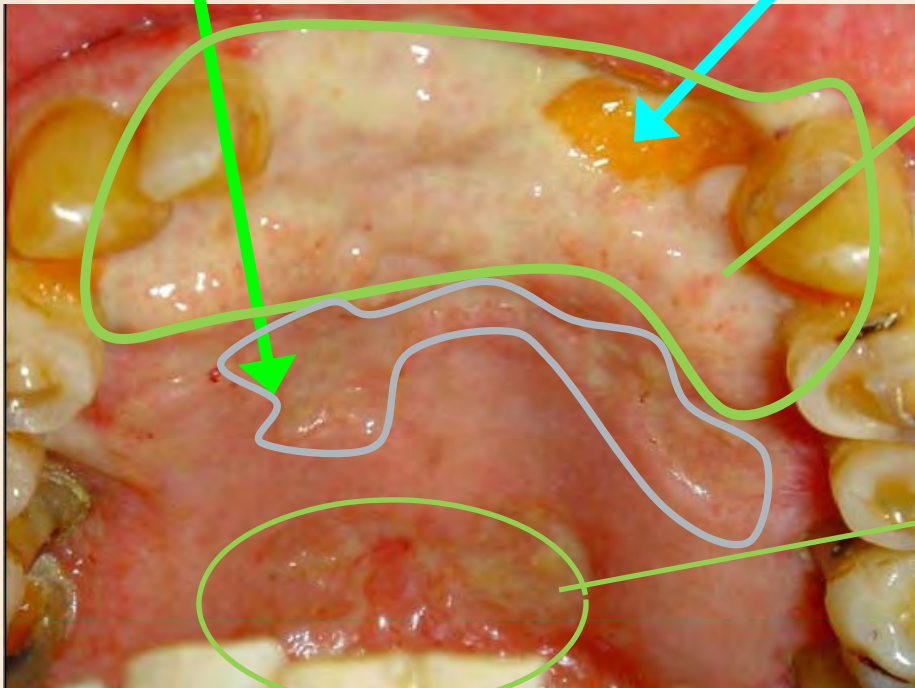
Polypoid shaped, white and yellow ulcerative lesion. Covered soft and half of hard palate



Intraoral examination

White Ulcerative lesion
Approximately 3.5cmX1 cm

extraction wound yellowish
necrosis tissue



White ulcerative Lesion with
smooth surface, sessile base,
covered alveolar ridge form 13
to 24

White and red ulcerative lesion,
Polypoid shaped, located on
hard palate, size approximately
3X3cm

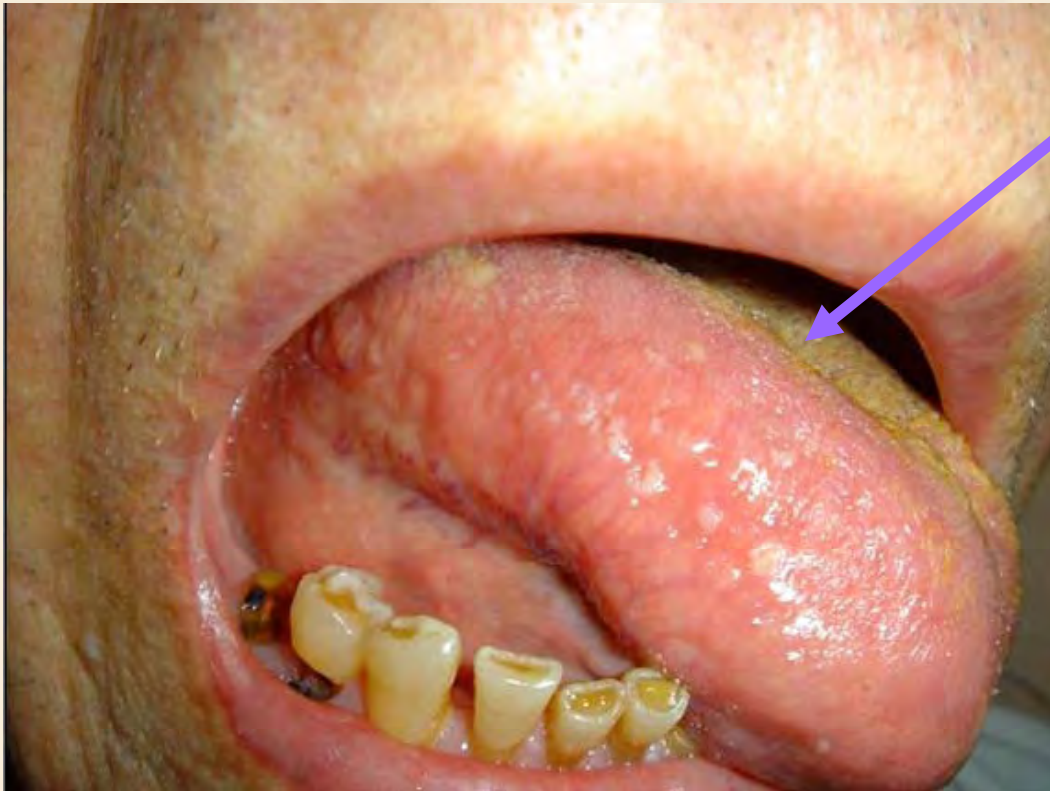
Intraoral examination



Multiple removable yellow patches
Size approximately 3X4cm

Intraoral examination

Multiple removable yellow patches



Intraoral examination

Multiple removable yellow patches



Intraoral examination

- ❖ A polypoid-shaped swelling mass with ulcerated surface, measured approximately 4mm x 2mm in diameter. Located over 11 to 22 alveolar ridge.
- ❖ A white ulcerative swelling mass, sessile base, sized approximately 5X2cm in diameter. Located on alveolar ridge from 13 to 24.
- ❖ A white ulcerative lesion, measured approximately 3.5X1cm in diameter, located over anterior hard palate.
- ❖ A red and white polypoid-shaped ulcerative lesion, sessile base, located over posterior and soft palate, sized approximately 3X3cm in diameter.

Intraoral examination

- ❖ Multiple removable yellow patches, located over dorsal surface of tongue, measured approximately 3X4cm in diameter.
- ❖ Food impaction (+)
- ❖ Plaque or calculus deposition (+)
- ❖ Gingival swelling (+)
- ❖ Gingival bleeding (+)

Personal habits

- ❖ Alcohol : yes, but quit for a long time
- ❖ Betel quid : no
- ❖ Cigarette : yes, but quit for a long time



Differential Diagnosis

Differential Diagnosis

❖ Infection? or Neoplasm?

- fever or local heat: unknown
- bony destruction without expansion: unknown
- lesion: multiple
- spontaneous pain(+)
- poor oral hygiene
- red and white color
- gingival swelling
- consistency: soft
- shape: polypoid
- fluctuation(-)



**So we can't sure the lesion is
Infection or Neoplasm!**

Differential Diagnosis

❖ If the lesion is infection

---age : old

---pain : yes

---color : red 、 white

---ulcer : yes

---pseudomembrane

So we guess the infection is :

1. Tuberculosis

2. Candidiasis

3. Diffuse Gangrenous Stomatitis

Tuberculosis v.s. our case

	TB	our case
Age	Non-specific	82y/o
Gender	Non-specific	male
Site	Primary: gingiva, mucobuccal fold, area of inflammation adjacent to teeth or in extraction sites. Secondary : Tongue, palate and lip.	tongue, palate

Tuberculosis v.s. our case

	TB	our case
Ulcer	Chronic mucosal ulceration	Yes
Shape	nodular, granular	polypoid
Color	Red, white	Ext. wound : yellow Alveolar ridge: white Soft palate: red
Pain	Yes	Yes

Candidiasis

主要是就patient的tongue, palate的患部做判斷



Candidiasis

Symptom

1. **Elder and children (immunocompromised)**
2. **White or yellow plaque (removable or not removable)**
3. **Red macules, burning sensation**
4. **Atrophic mucosa**
5. **Foul taste**
6. **Asymptomatic**

Candidiasis v.s. our case

	Candidiasis	our case
Age	Elder and children (immunocompromised)	82y/o
Gender	not specific	male
Site	Buccal mucosa, tongue, palate, angles of mouth, denture-bearing area	tongue, palate
Ulcer	No	Yes

Candidiasis v.s. our case

	Candidiasis	our case
color	white, red patches	Ext. wound : yellow Alveolar ridge: white Soft palate: red
Pain	Yes (if inflammation)	Yes

Diffuse Gangrenous Stomatitis

1. Found in patient with severe debilitating diseases
2. Sensitive or painful oral lesions
3. Very unpleasant odor
4. Multiple lesions on mucosal surfaces
5. Surrounded by dirty gray to yellowish pseudomembrane can be removed



Diffuse Gangrenous Stomatitis

6. Elliptic, linear, or angular
7. Tender to painful cervical lymphadenopathy is usually present

Diffuse Gangrenous Stomatitis

v.s. our case

	Diffuse Gangrenous Stomatitis	our case
Site	Multiple lesions on mucosal surfaces	tongue, palate
Ulcer	Yes	Yes
color	dirty gray to yellowish	Ext. wound : yellow Alveolar ridge: white Soft palate: red

Diffuse Gangrenous Stomatitis

v.s. our case

	Diffuse Gangrenous Stomatitis	our case
Shape	Elliptic, linear, or angular	polypoid
Pain	Yes	Yes

Differential Diagnosis

❖ If the lesion is Neoplasm:

Benign or Malignant ?

---Pain(+)

---Tenderness(-)

---Lymphadenopathy(-)

---Ulceration(+)

---Unhealing wound(+)

---Alcohol(+)
Betel nut(-)
Cigarette(+)

---Induration (-)

---Mobility: fixed



So the lesion may be Malignant

Differential Diagnosis

❖ Peripheral or central ?

---mucosa ulceration(+)

---no evidence of bony destruction

 peripheral type

Differential Diagnosis

- ❖ If our differential diagnosis is **Malignant neoplasm**, then we guess the lesion is :

Non-Hodgkin's lymphoma

Non-Hodgkin's lymphoma

1. Soft tissue

- Tenderness(-)

- Diffused swelling

- Ulceration(+/-)

2. Hard tissue

- Paresthesia

- Bone expansion

- Soft tissue swelling

- pain (vague pain)

Non-Hodgkin's lymphoma

v.s. our case

	Non-Hodgkin's lymphoma	our case
Age	adult	82y/o
Gender	Non-specific	male
Site	Buccal vestibule Posterior hard palate gingiva	tongue, palate
Ulcer	Yes	Yes
color	as normal gingiva	Ext. wound : yellow Alveolar ridge: white Soft palate: red

Non-Hodgkin's lymphoma

v.s. our case

	Non-Hodgkin's lymphoma	our case
Shape	-	polypoid
Pain	Yes	Yes

Conclusion

-- The probable lesion may be

- ❖ Tuberculosis
- ❖ Candidiasis
- ❖ Non-Hodgkin's lymphoma



Thanks for your attention