

# Case Report



指導老師：林立民 教授  
陳玉昆 醫師  
王文岑 醫師  
指導助教：陳靜怡 醫師  
謝牧諺 醫師

D93 Intern B 組：詹宜錡 王聖堯 陳繪宇 廖珮仔

# General Data

---

- **Name** : 呂XX
- **Gender** : female
- **Age** : 44
- **Native** : 台澎
- **Occupation** : 家管
- **First visit** : 98/08/19

# Chief Complaint

---

**An unhealing ulceration over inner aspect of lower L't lip for two months.**



# Present illness

---

**This 44 y/o female suffered from an ulceration over inner aspect of lower L't lip since 2 months ago. She felt more painful as time goes by, and the lesion became an unhealing ulceration with induration. So, she came to our OPD for further examination and treatment.**

# Past History

---

- **Past medical history**

- Heart disease, arrhythmia, TB, renal disease, diabetes mellitus, blood disorder : **no**
- Thyroid disease : **unknown**
- Denied any drug or food allergy

- **Hospitalization : no**

- **Past dental history**

- Attitude : **unknown**

# Personal Habit

---

- **Risk factors related to malignancy**
  - Alcohol : (—)
  - Betel nut : (—)
  - Cigarette : (+) 15years 6~7 支/天
- **Other habit : unknown**

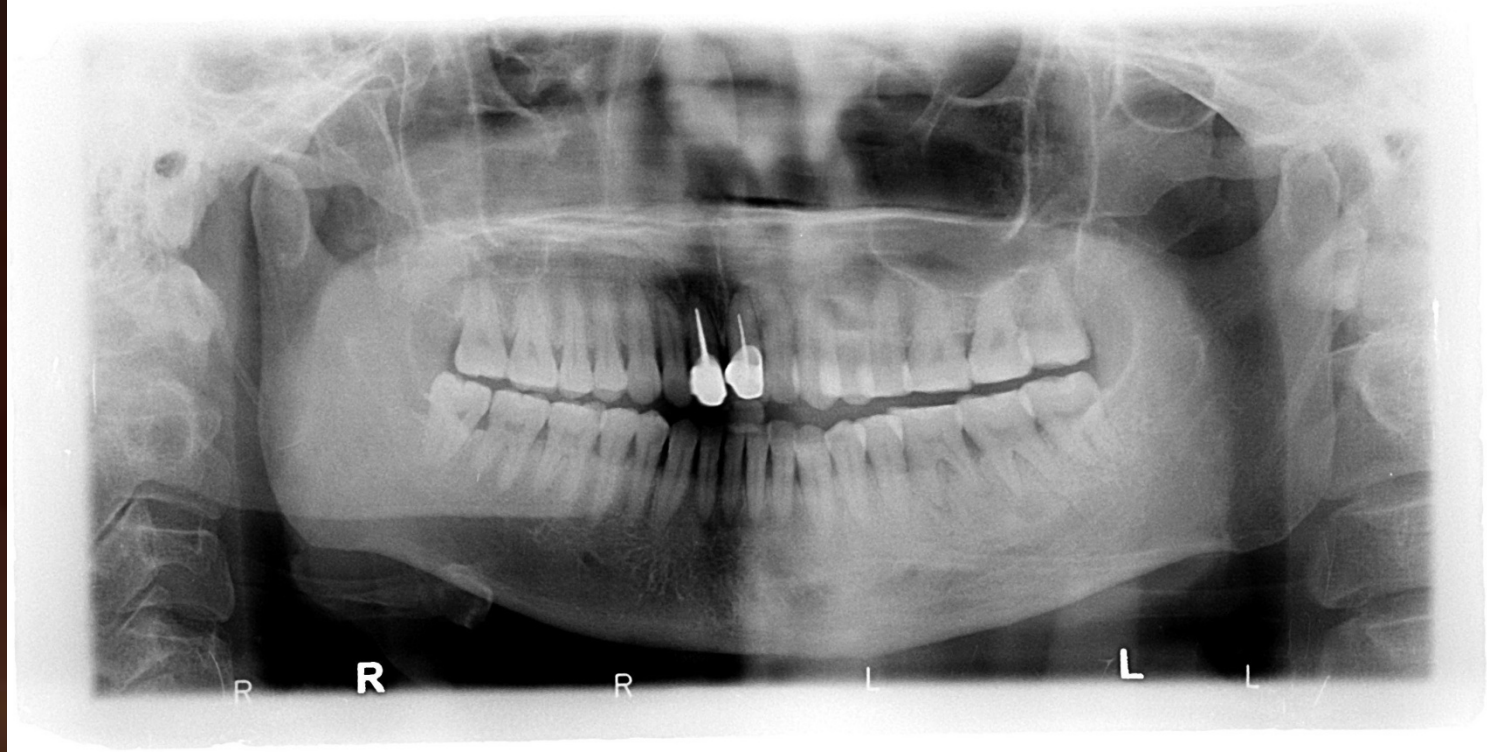
# IntraOral Examination

- **Reddish ulcerative lesion over left lower lip**

- Size: **2 x 1 cm**
- Surface: **ulcerative**
- Base: --
- Shape: --
- Color: **reddish**
- Consistency: **firm**
- Fluctuation: --
- Mobility: --
- Pain: **(+)**
- Tenderness: **(+)**
- Induration: **(+)**
- Lymphadenopathy : **(+)**



# X-ray Examination



There is no significant lesion over maxilla or mandible.

- Missing : Tooth 18
- P&C, crown : Tooth 11 21





---

# *Working Diagnosis*

# Working Diagnosis

---

- **Disease origin :**

1. *Peripheral or intra-Bony origin ?*
2. *Inflammation or cyst/neoplasm ?*
3. *Benign or malignant ?*

# 1. Inflammation or cyst or Neoplasm?

---

- Color : **reddish**
- Fever or local heat : **(-)**
- Lymphadenopathy : **(+)**
- Pus discharge : **(-)**
- Duration : **at least 2 months**
- Fluctuation : **(-)**



**Neoplasm**

( but cannot rule out other ulcerative autoimmune diseases )

## *2. Neoplasm Benign or malignant?*

---

- Pain : (+)
- Tenderness : (+)
- Ulceration: (+)
- Induration : (+)
- Lymphadenopathy : (+)
- Facial n. palsy : **unknown**



**Malignant**

### ***3. Peripheral or Intra-bony origin?***

- Soft tissue lesion : (+)**
- Bony destruction : (-)**
- Bony expansion : (-)**



**Peripheral origin**

# Working Diagnosis : Neoplasm

## □ Epithelium origin

- Squamous cell carcinoma

## □ Soft tissue origin

- Leiomyosarcoma

# Working diagnosis : Mucocutaneous autoimmune diseases

- **Erosive lichen planus**
- **Pemphigus vulgaris**



---

# *Differential Diagnosis*



# Squamous cell carcinoma

	Our case	SCC
Gender	Female	M : F = 3 : 1
Age	44	隨年齡而增加
Symptom	Unhealing ulceration	Minimal pain during the early growth
Site	Lower left lip	1. Lip vermilion (多在下唇) 2. 口內：國外多好發後舌部的背面與側面， (台灣多好發於頰黏膜)
Color	Reddish	Normal, red, or white
Surface	Ulcerated	Fungating, papillary, verruciform, burrowing, ulcerated, white patch, red patch, combined
Size	2 x1 cm	Varying degree
Induration	+	+

# Squamous cell carcinoma

---



**Our case**



**Squamous cell carcinoma**

# Leiomyosarcoma

	Our case	Leiomyosarcoma
Gender	Female	equal
Age	44	Wide age range
Symptom	Unhealing ulceration	Nonspecific, usually a mass and secondary ulceration pain or painless
Site	Lower left lip	Jawbones
Surface	Ulcerative	Ulcerative
Size	2 x1 cm	Varying degree

# Leiomyosarcoma

---



**Our case**



**Leiomyosarcoma**

# Erosive Lichen Planus

	Our case	Erosive Lichen Planus
Gender	Female	Women : Men = 3:2
Age	44	Middle-aged (52yrs)
Symptom	Unhealing ulceration	Atrophy erythematous ulceration
Site	Lower left lip	Buccal Mucosa(85%), tongue, gingiva, palate, mouth floor, vermilion border
Color	Reddish	erythematous
Surface	Ulcerative	Ulcerative
Size	2x1 cm	Varying degree
Duration	2 months	
Induration	+	—

# Erosive Lichen Planus

---



**Our case**



**Erosive Lichen Planus**

# Pemphigus vulgaris

	Our case	Pemphigus vulgaris
Gender	Female	Equal
Age	44	50
Symptom	Unhealing ulceration	Superficial, ragged erosions and ulcerations
Site	Low left lip	Any oral mucosal location
Color	Reddish	White
Surface	Ulcerative	Smooth
Size	2x1 cm	
Duration	2 months	
Induration	+	—

# Pemphigus vulgaris

---



**Our case**



**Pemphigus vulgaris**



# *Impression*

---

Squamous cell carcinoma, left  
lower lip