

# 食道癌診療指引

胸腔腫瘤暨食道癌多專科團隊

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參考資料：NCCN Guidelines Version

Esophageal and Esophagogastric Junction Cancers V1. 2017

全民健康保險藥品給付規定行政院衛生署一百零六年版

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**WORKUP**

檢查

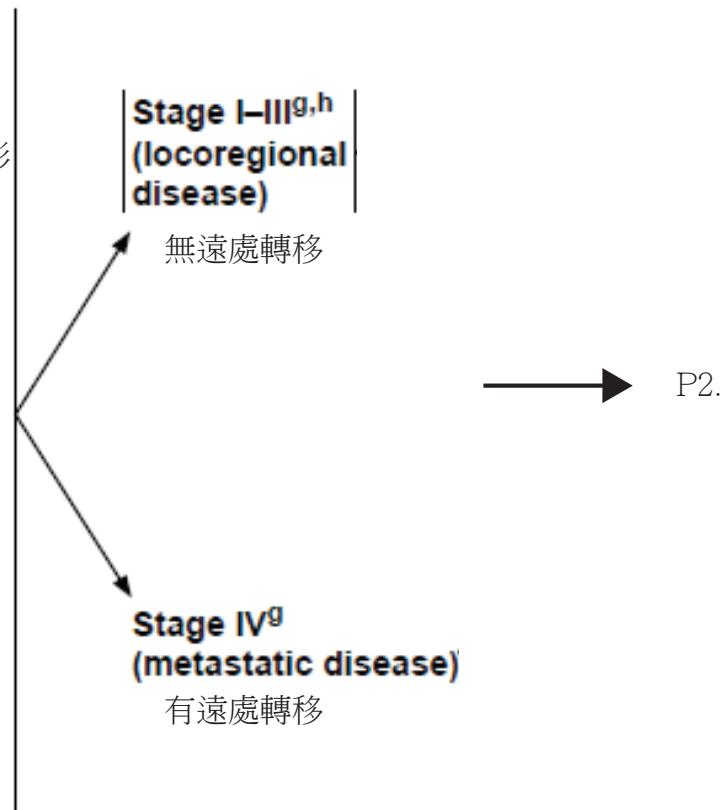
- **H&P** 病史及身體評估
- **Upper GI endoscopy and biopsy** 上消化鏡檢查及切片
- **Chest/abdominal CT with oral and IV contrast**  
胸部/腹部 電腦斷層      如無遠處轉移可考慮正子攝影
- **PET-CT evaluation if no evidence of M1 disease**
- **CBC and comprehensive chemistry profile** 血液檢查
- **Endoscopic ultrasound (EUS),  
if no evidence of M1 disease** 內視鏡超音波
- **Bronchoscopy, if tumor is at or above the carina  
with no evidence of M1 disease** 支氣管鏡檢  
(如果腫瘤位於氣管分岔處以上)
- **Nutritional assessment and counseling** 營養諮詢
- **Smoking cessation advice, counseling, and  
pharmacotherapy as indicated** 建議戒菸
- **Screen for family history** 檢視家族病史

**CLINICAL STAGE<sup>g</sup>**

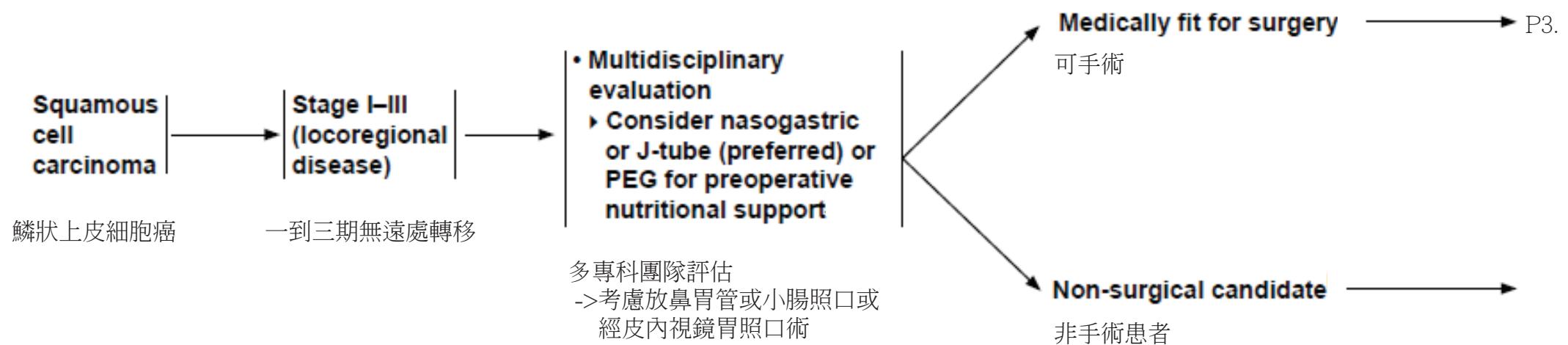
臨床期別

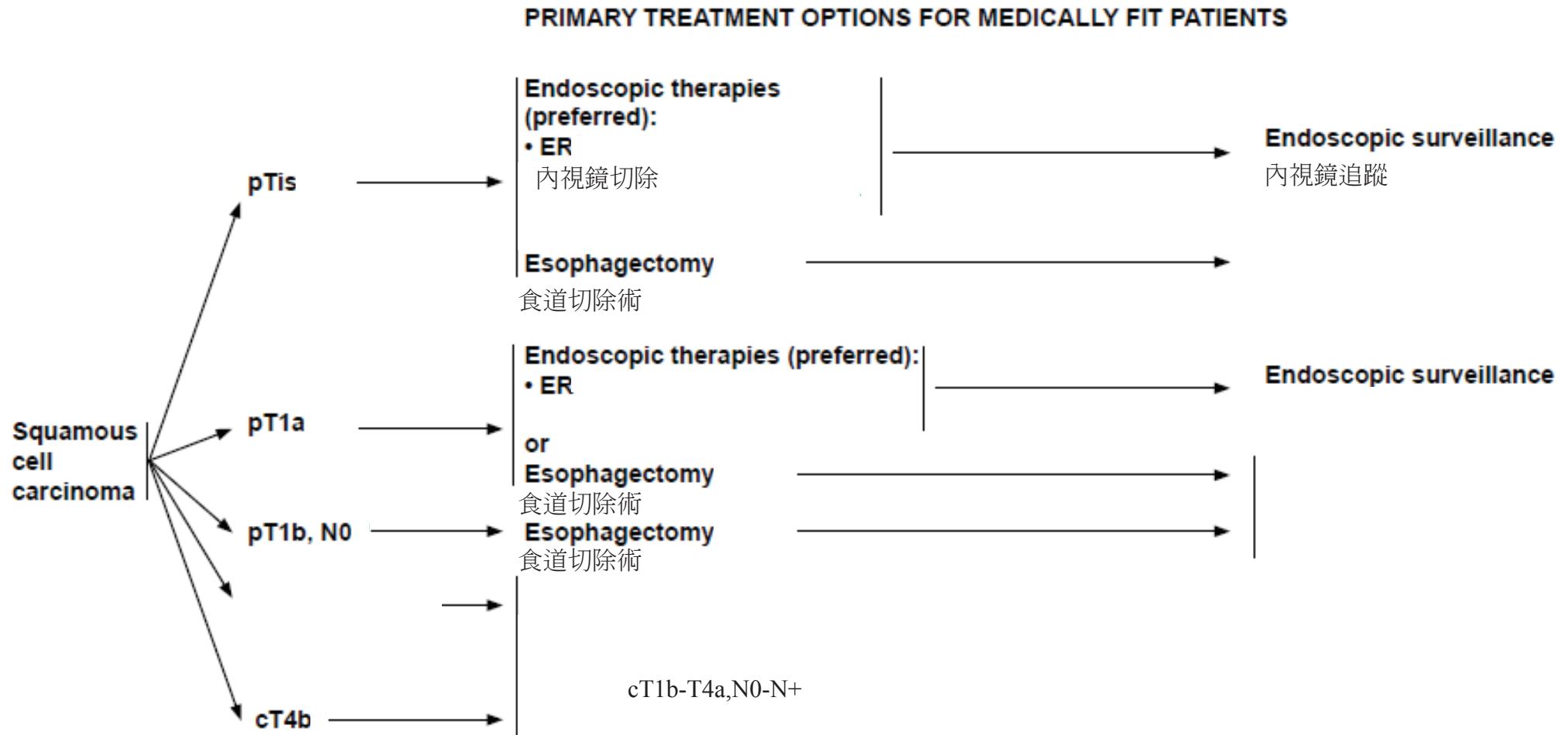
**HISTOLOGIC CLASSIFICATION<sup>c</sup>**

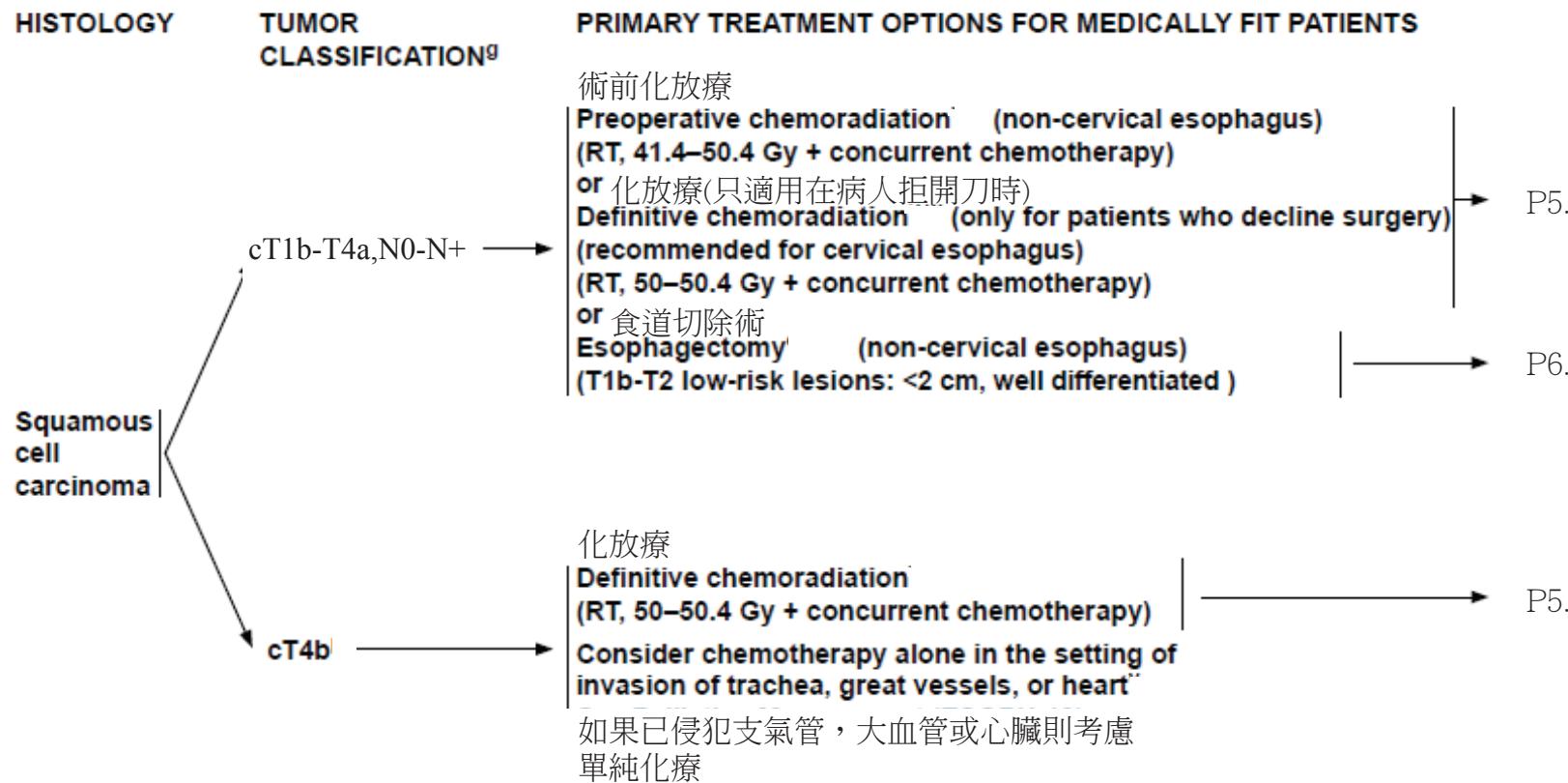
組織分類

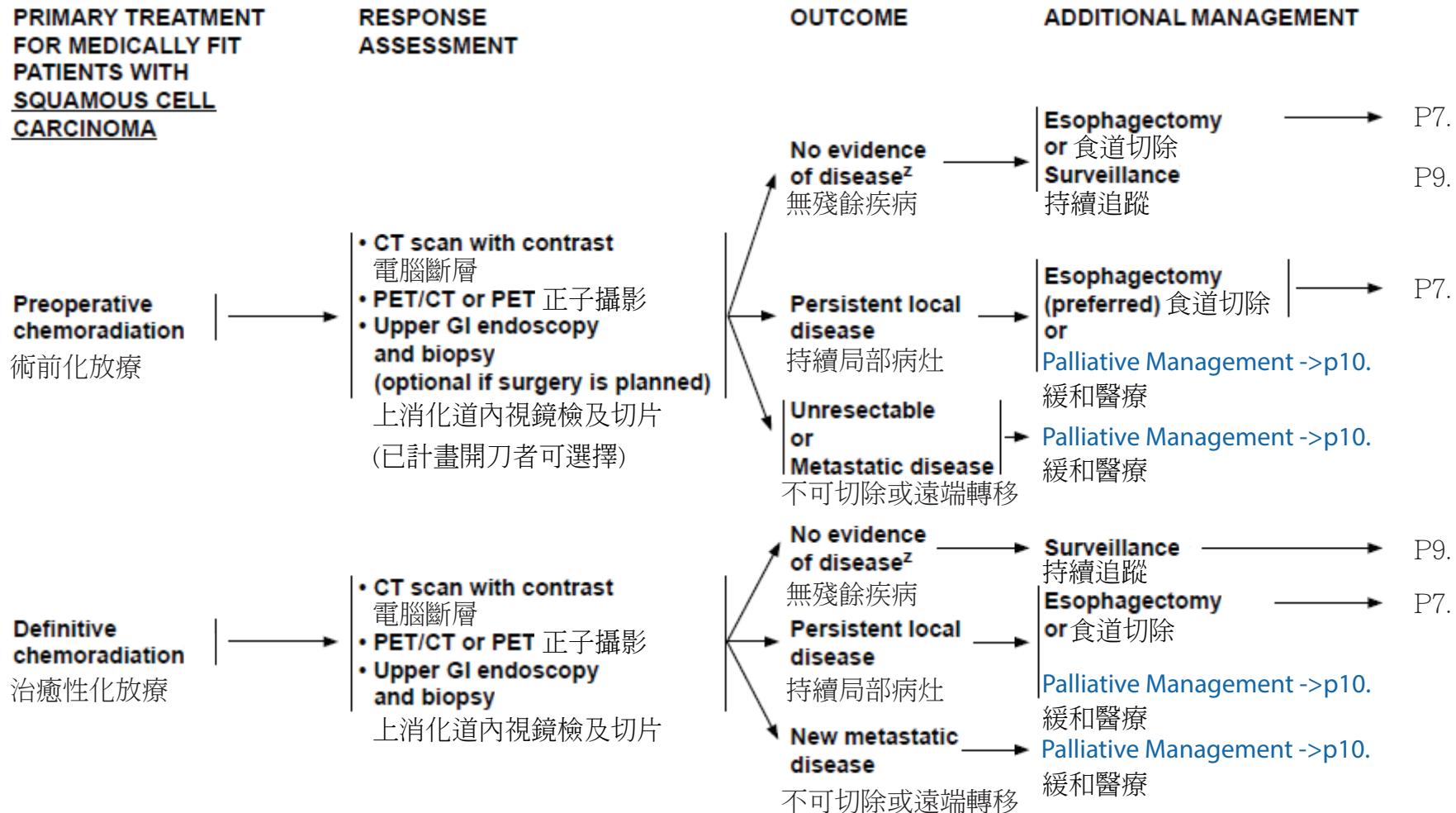


ps 正子攝影轉介新光或榮總







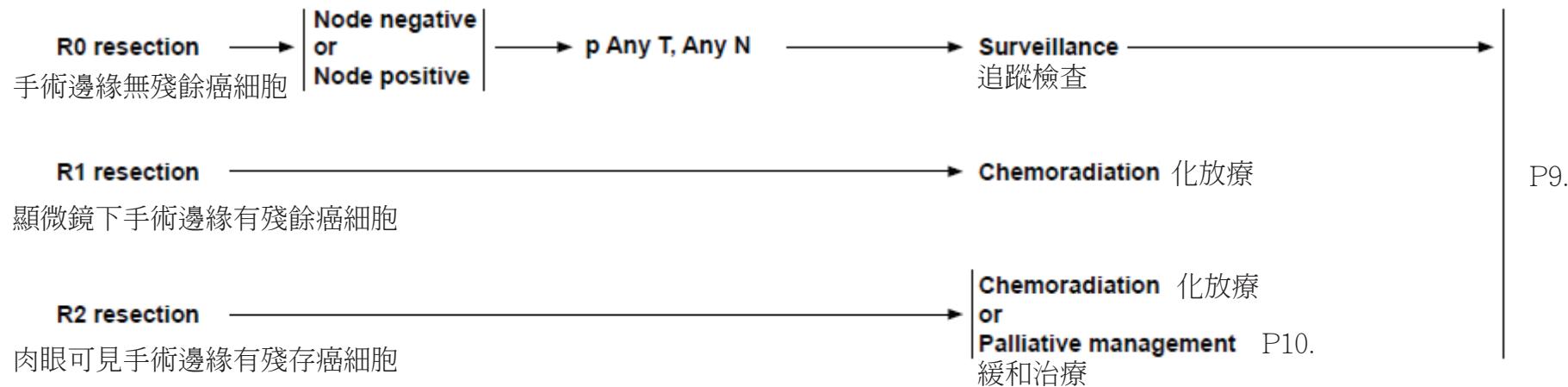


**SURGICAL OUTCOMES/CLINICAL  
PATHOLOGIC FINDINGS FOR  
SQUAMOUS CELL CARCINOMA  
(Patients Have Not Received  
Preoperative Chemoradiation)**

病患未接受術前化放療

**TUMOR CLASSIFICATION<sup>a</sup>**

**POSTOPERATIVE MANAGEMENT**



P9.

P6.

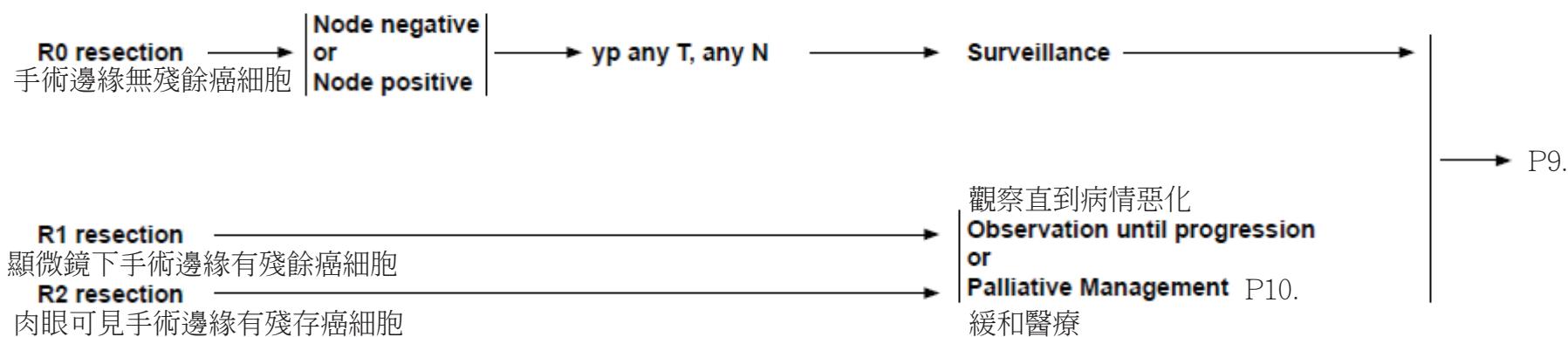
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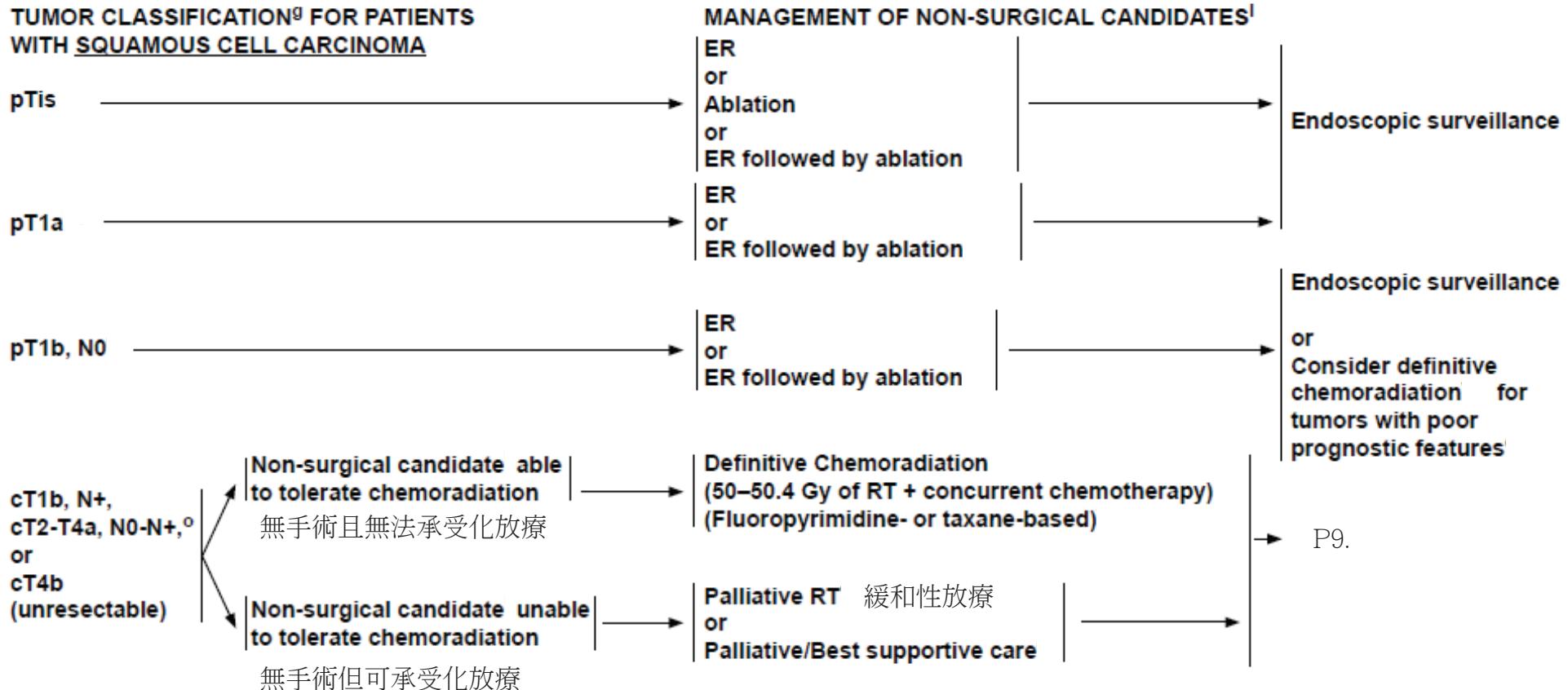
**SURGICAL OUTCOMES/CLINICAL PATHOLOGIC FINDINGS FOR SQUAMOUS CELL CARCINOMA**  
**(Patients Have Received Preoperative Chemoradiation)**

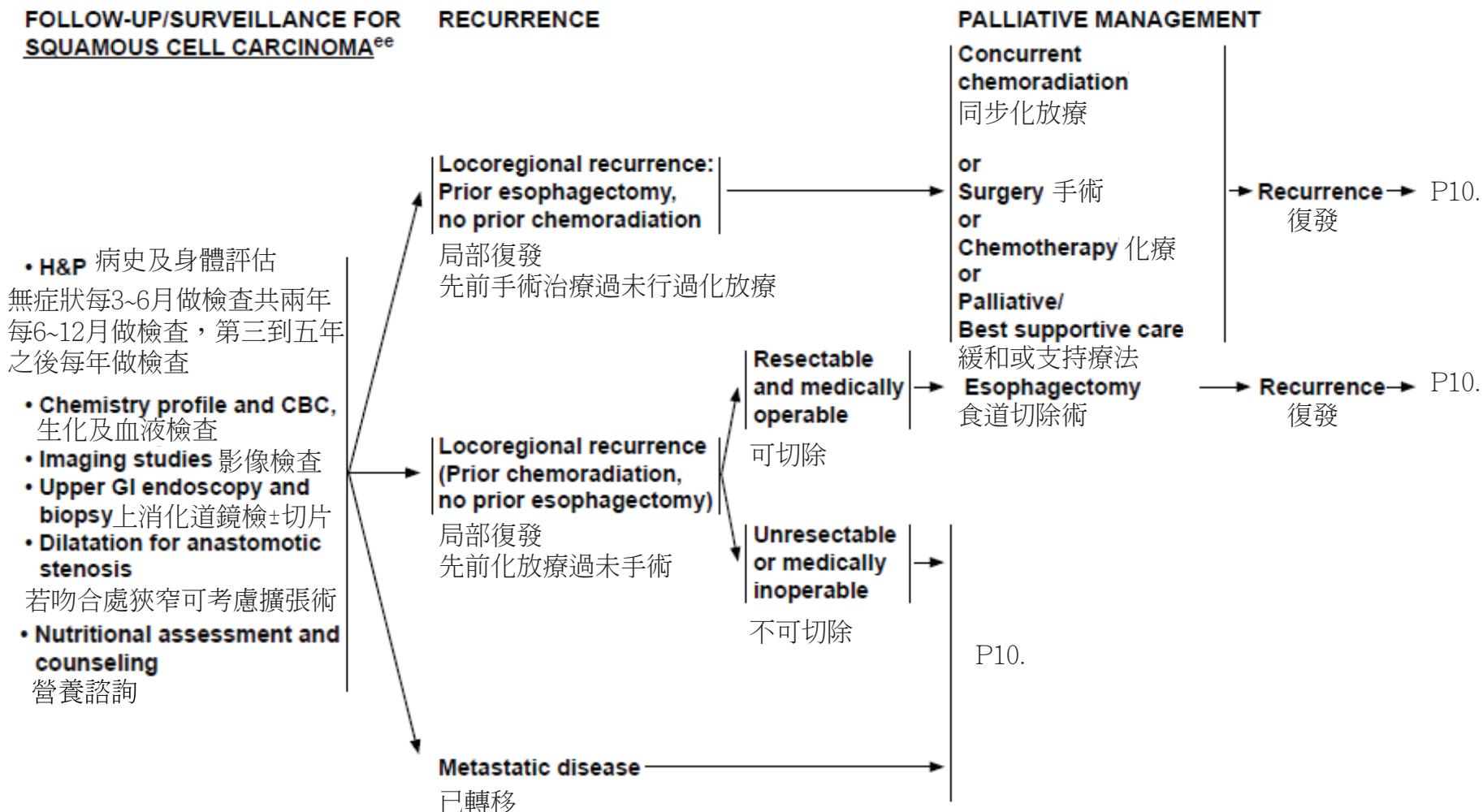
病患有接受術前化放療

**TUMOR CLASSIFICATION**

**POSTOPERATIVE MANAGEMENT**



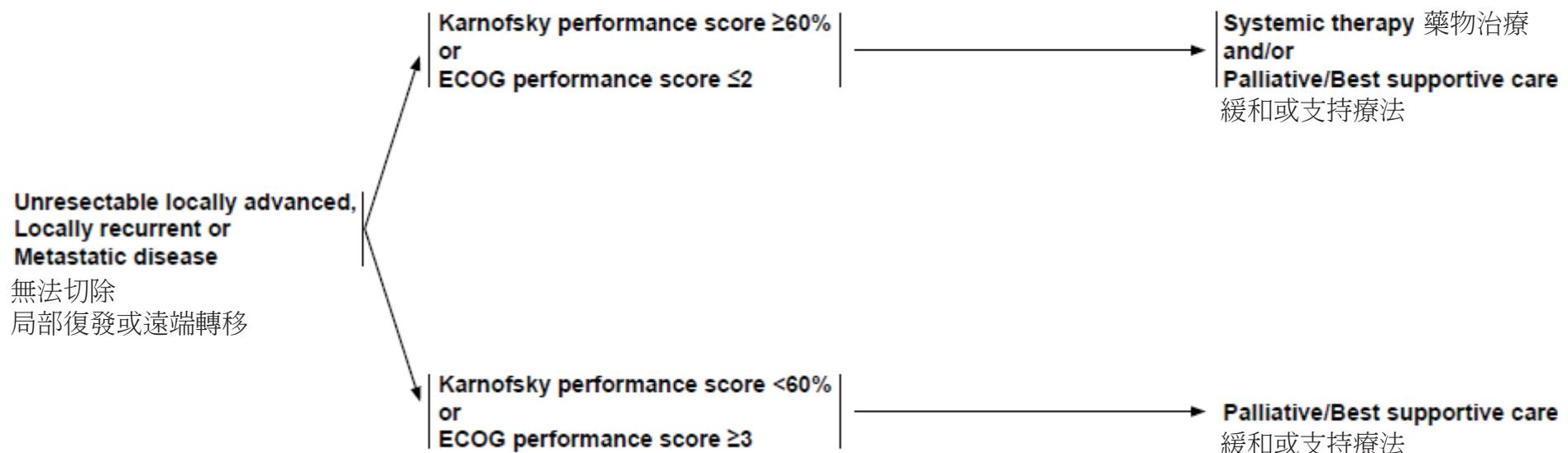




FOR SQUAMOUS CELL  
CARCINOMA

PERFORMANCE STATUS

PALLIATIVE MANAGEMENT



Karnofsky*	Scales	Zubrod-ECOG-WHO**
Normal, no complaints (常沒有任何抱怨，確定沒有疾病)	100	0 Normal activity fully ambulatory (無症狀)
Able to carry on normal activities, Minor signs or symptoms of disease (可以正常活動，有一些疾病症狀)	90	1 Symptoms, but nearly fully ambulatory (有症狀，完全步行，但對生活無影響)
Normal activity with effort (可以稍微正常活動，已經有一些疾病的症狀)	80	
Cares for self. Unable to carry on normal activity or to do active work (需要自己照顧，無法從事正常活動)	70	2 Some bed time, but needs to be in bed less than 50% of normal daytime (躺在床上的時間<50%) ≤2分才能接受針劑化學治療
Requires occasional assistance, but able to care for most of his needs (有時需要別人幫助，能照顧患者大部分的需要)	60	
Requires considerable assistance, and frequent medical care(需要考慮別人幫助，經常給予醫療照顧)	50	3 Needs to be in bed more than 50% of normal daytime (躺在床上的時間>50%)
Disabled. Requires special care and assistance (傷殘，需要特別照顧及幫助)	40	
Severely disabled. Hospitalization indicated though death not imminent (嚴重傷殘，尚未有死亡的危險)	30	4 Unable to get out of bed (長期完全臥床)
Very sick. Hospitalization Necessary. Active supportive Treatment necessary (痛情嚴重，尚未有死亡的危險)	20	
Moribund (病況緊急，很快有死亡的危險)	10	
<b>Dead</b>	<b>0</b>	<b>5 Dead</b>

<http://www2.cch.org.tw/lungcancer/QOL.htm> (何明霖醫師)

\* From D.A. Karnofsky, J.H. Burchenal: The clinical evaluation of chemotherapeutic agents. In: Evaluation of chemotherapeutic Agents, ed. by Mcleod, Columbia University Press, New York ,1949, 191-205.

\*\* From A.B. Miller, B. Hoogstraten, M. Staquet, A. Winkler: Reporting Results of Cancer Treatment, Cancer 1981, 147: 207.

## Chemotherapy Regimens

### Preoperative chemoradiation

- Cisplatin and Fluorouracil (常用處方)

Cisplatin 75-100 mg/m<sup>2</sup>IV on Days 1 and 29

5-FU 750-1000 mg/m<sup>2</sup>IV continuous infusion

over 24 hours daily on Days 1-4 and 29-32 35-Day cycle

- Paclitaxel and cisplatin (可選擇但要自費)

Paclitaxel 50 mg/m<sup>2</sup>IV on Day 1

Cisplatin 30mg/m<sup>2</sup> IV on Day 1

註記：腎功能不佳CCr<60或曾做單側或以上腎切除之惡性腫瘤患者可使用Carboplatin

### Definitive Chemoradiation

- Cisplatin and Fluorouracil (常用處方)

Cisplatin 75-100 mg/m<sup>2</sup>IV on Day 1

Fluorouracil 750-1000 mg/m<sup>2</sup>IV continuous infusion over 24 hours daily on Days 1-4

Cycled every 28 days for 2-4 cycles for 2 cycles with radiation followed by 2 cycles without radiation

- Cisplatin 30 mg/m<sup>2</sup>IV on Day 1 (可選擇但要自費)

Capecitabine 800 mg/m<sup>2</sup>PO BID on Days 1-5

Weekly for 5 weeks

- Paclitaxel and cisplatin (可選擇但要自費)

Paclitaxel 50 mg/m<sup>2</sup>IV on Day1

Cisplatin 30 mg/m<sup>2</sup>IV on Day1

weekly for five weeks

**FIRST-LINE THERAPY**

**Fluoropyrimidine and cisplatin**

**Cisplatin 75-100 mg/m<sup>2</sup> IV on Day 1**

**Fluorouracil 750-1000 mg/m<sup>2</sup> IV continuous**

**Infusion over 24 hours daily on Days 1-4**

**Cycled every 28 days**

**Oxaliplatin 85 mg/m<sup>2</sup> IV on Day 1 (自費)**

**Leucovorin 400 mg/m<sup>2</sup> IV on Day 1**

**Fluorouracil 400 mg/m<sup>2</sup> IV 15mins on Day 1**

**Fluorouracil 1200 mg/m<sup>2</sup> IV continuous infusion over 24 hours on Day 1**

**Cycled every 14 days**

**DCF**

**Docetaxel 75 mg/m<sup>2</sup> IV on Day 1 (自費)**

**Carboplatin AUC 6 IV on Day 2 (自費)**

**Fluorouracil 1200 mg/m<sup>2</sup> IV continuous infusion over 24 hours daily on Days 1-3**

**Cycled every 21 days**

**Paclitaxel 90 mg/m<sup>2</sup> IV on Day 1 (自費)**

**Cisplatin 50 mg/m<sup>2</sup> IV on Day 1**

**Cycled every 14 days**

**Fluorouracil and irinotecan (自費)**

**Irinotecan 180 mg/m<sup>2</sup> IV on Day 1**

**Leucovorin 400 mg/m<sup>2</sup> IV on Day 1**

**Fluorouracil 400 mg/m<sup>2</sup> IV 10mins on Day 1**

**Fluorouracil 1200 mg/m<sup>2</sup> IV continuous infuseon over 24 hours daily on Days 1 and 2**

**Cycled every 14 days (only for adenocarcinoma)**

**ECF**

**Epirubicin 50 mg/m<sup>2</sup> IV on Day 1**

**Cisplatin 60 mg/m<sup>2</sup> IV on Day 1**

**Fluorouracil 1200 mg/m<sup>2</sup> IV continuous infusion over 24 hours daily**

**on Days 1-4Cycled every 21 days**

## 食道癌放射治療線治療

放射治療的適應症：

- (一) 第 II-III 期並可進行根治手術者：手術前進行新輔助合併化學放射治療 (neoadjuvant CCRT)，或在手術後進行輔助性合併化學放射治療 (adjuvant CCRT)。
- (二) 第 I-III 期無法進行根治手術者：合併化學放射治療(CCRT)或單純治癒性放射治療(definitive curative radiotherapy alone)(拒絕或不適化療者)
- (三) 第 IV 期：針對轉移部位(如骨骼、腦等部位)或原發部位施行緩解性放射治療

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PRIMARY TUMOR (T)	
TX	無法發現腫瘤之存在。
T0	沒有原發腫瘤存在。
Tis	原位癌
T1	腫瘤侵犯到固有層，黏膜肌肉層或黏膜下層
T1a	腫瘤侵犯到固有層，黏膜肌肉層
T1b	腫瘤侵犯到黏膜下層
T2	腫瘤侵犯到固有肌肉層
T3	腫瘤侵犯到外膜
T4	腫瘤侵犯到鄰近器官
T4a	腫瘤侵犯到肺，心包，橫隔膜但可切除
T4b	腫瘤侵犯到其他器官但不可切除（如動脈，錐體，支氣管）

REGIONAL LYMPH NODES (N)	
NX	無法判斷是否有局部淋巴結轉移
N0	無局部淋巴結的轉移
N1	1-2 顆局部淋巴結的轉移
N2	3-6 顆局部淋巴結的轉移
N3	大於 7 顆局部淋巴結的轉移

DISTANT METASTASIS (M)	
M0	無遠處轉移
M1	有遠處轉移

ANATOMIC STAGE • PROGNOSTIC GROUPS					
Squamous Cell Carcinoma					
GROUP	T	N	M	Grade	Tumor Location**
<b>0</b>	Tis(HGD)	<b>N0</b>	<b>M0</b>	N/A	Any
<b>IA</b>	T1a	<b>N0</b>	<b>M0</b>	1,X	Any
<b>IB</b>	T1a	<b>N0</b>	<b>M0</b>	2-3	Any
	T2-3	<b>N0</b>	<b>M0</b>	1-3,X	Any
<b>IIA</b>	T2-3	<b>N0</b>	<b>M0</b>	1,X	Upper,middle
	T2-3	<b>N0</b>	<b>M0</b>	2-3	Lower,X
<b>IIB</b>	T3	<b>N0</b>	<b>M0</b>	2-3,X	Upper,middl
	T1	<b>N1</b>	<b>M0</b>	Any	e Any ,X
<b>IIIA</b>	T1	<b>N2</b>	<b>M0</b>	Any	Any
	T2	<b>N1</b>	<b>M0</b>	Any	Any
<b>IIIB</b>	T2	<b>N2</b>	<b>M0</b>	Any	Any
	T3	<b>N1-2</b>	<b>M0</b>	Any	Any
	T4a	<b>N0-1</b>	<b>M0</b>	Any	Any
<b>IVA</b>	T4a	<b>N2</b>	<b>M0</b>	Any	Any
	A4b	<b>N0-2</b>	<b>M0</b>	Any	Any
	AnyT	<b>N3</b>	<b>M0</b>	Any	Any
<b>IVB</b>	AnyT	<b>AnyN</b>	<b>M1</b>	Any	Any