



參考資料：

NCCN Clinical Practice Guidelines in oncology. Esophageal cancer V2.2013

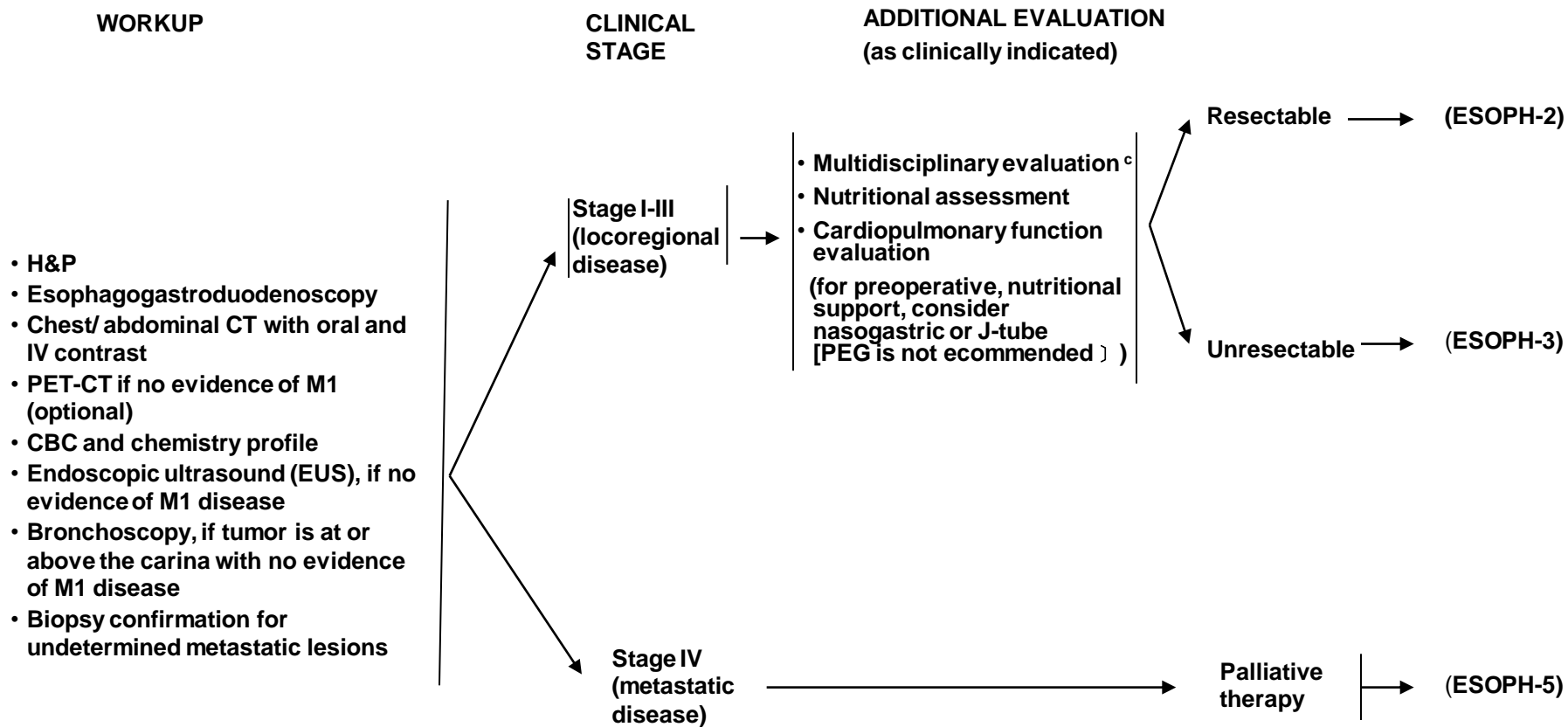
制訂人員：

肝膽胃腸科：鍾承軒醫師

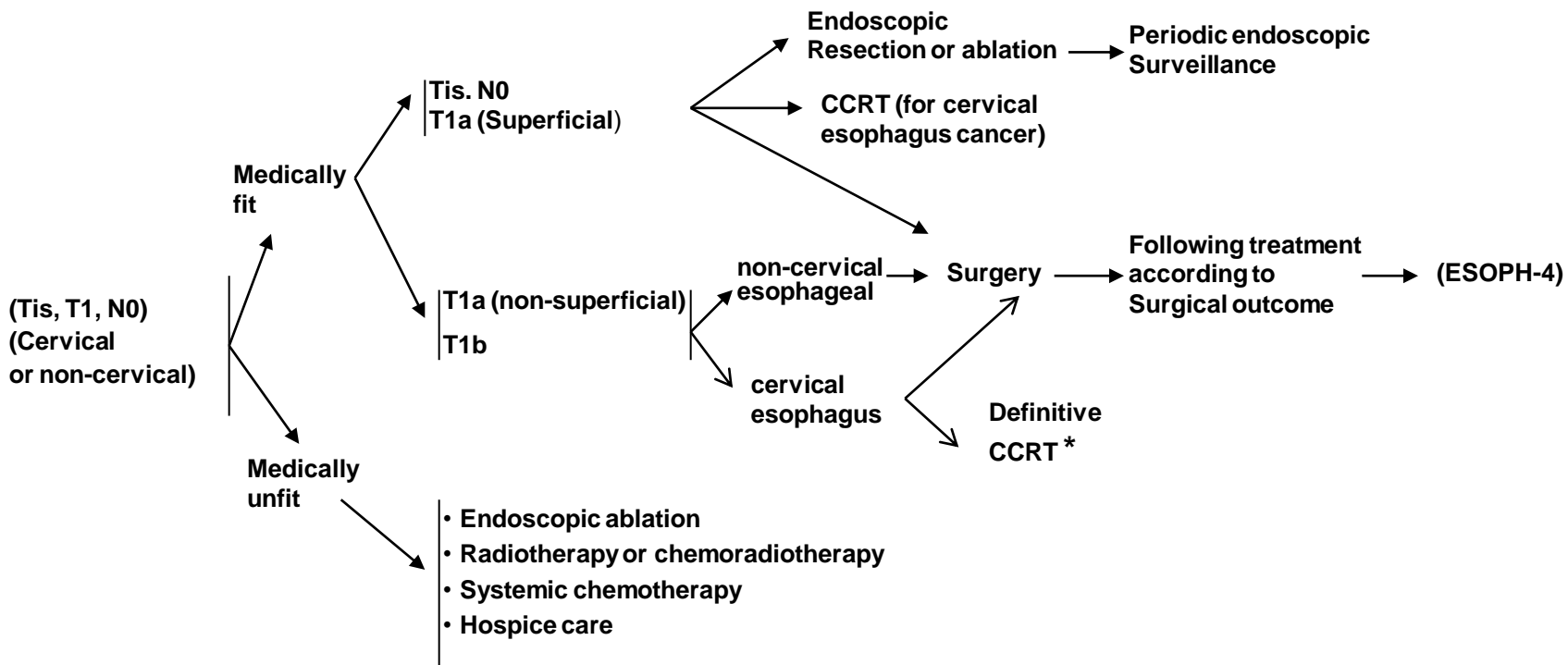
胸腔外科：梁嘉儀醫師

腫瘤內科：蕭吉晃主任、林育靖醫師

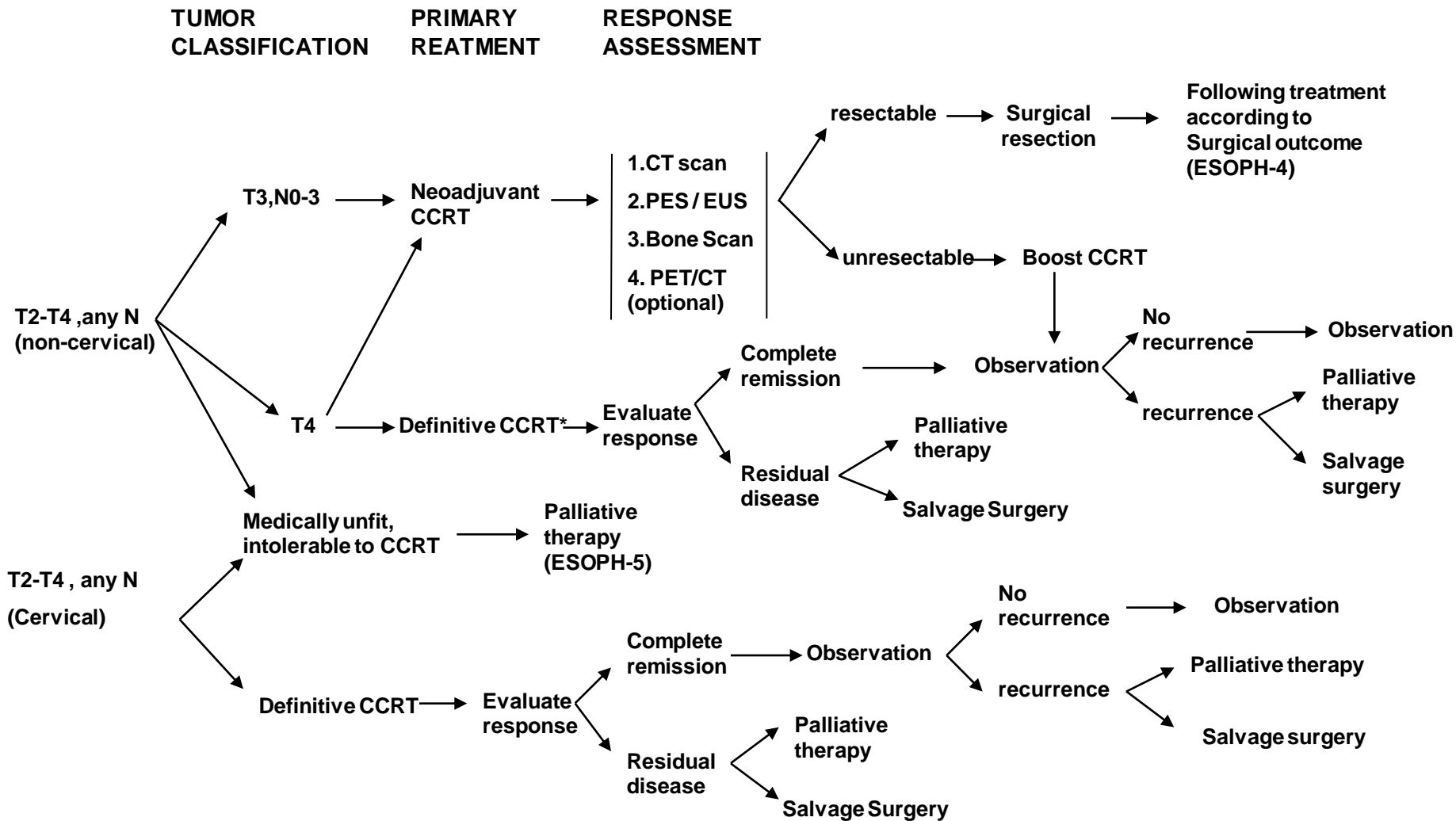
放射腫瘤科：吳樂榮醫師



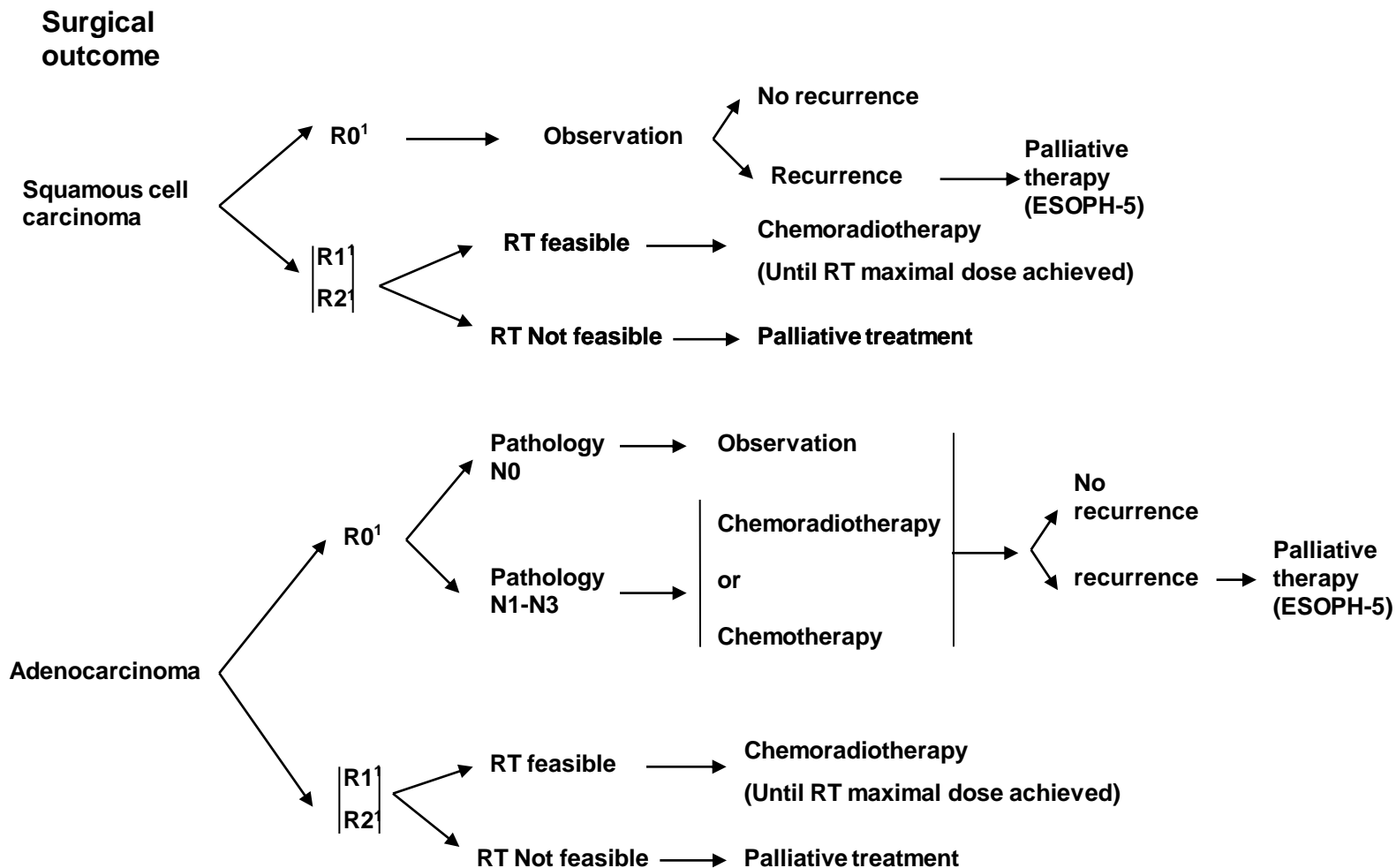
TUMOR CLASSIFICATION



* CCRT: concurrent chemoradiotherapy.



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1.R0=No cancer at resection margins, R1=Microscopic residual cancer, R2=Macroscopic residual cancer or M1B.



**PALLIATIVE
THERAPY**

Recurrent
Or
Metastasis
Esophageal cancer

Palliative
therapy →

- Systemic chemotherapy
- RT or CCRT to symptomatic site
- Nutritional support (eg. Jejunostomy or stent)
- Hospice care
- Clinical trial



FOLLOW UP

- OPD visiting, history and physical examination, every 1-3 months, as clinically indicated.
- CBC and biochemistry profile as clinical indicated.
- Image study
- Upper GI panendoscopy and biopsy
- Nutritional consultation
- Dilatation for esophageal stenosis



Staging

PRIMARY TUMOR (T)

- Tx** Primary tumor cannot be assessed
- T0** No evidence of primary tumor
- Tis** High-grade dysplasia
- T1** Tumor invades lamina propria, muscularis mucosae, or submucosa
 - T1a** Tumor invades lamina propria or muscularis mucosae
 - T1b** Tumor invades submucosa
- T2** Tumor invades muscularis propria
- T3** Tumor invades adventitia
- T4** Tumor invades adjacent structures
 - T4a** Resectable tumor invading pleura, pericardium, or diaphragm
 - T4b** Unresectable tumor invading other adjacent structures, such as aorta, vertebral body, trachea, etc.

*High-grade dysplasia includes all non-invasive neoplastic epithelium that was formerly called cancer in situ, a diagnosis that is no longer used for columnar mucosae anywhere in the gastrointestinal tract

REGIONAL LYMPH NODE (N)

- Nx** Regional lymph nodes cannot be assessed
- N0** No regional lymph node metastasis
- N1** Regional lymph node metastases involving 1 to 2 nodes
- N2** Regional lymph node metastases involving 3 to 6 nodes
- N3** Regional lymph node metastases involving 7 or more nodes

DISTANT METASTASIS (M)

- M0** distant metastasis (no pathologic M0); use clinical M to complete stage group
- M1** Distant metastasis

squamous cell carcinoma

GROUP	T	N	M	Grade	Tumor Location
0	Tis	N0	M0	1	Any
IA	T1	N0	M0	1,X	Any
IB	T1	N0	M0	2-3	Any
	T2-3	N0	M0	1,X	Lower,X
IIA	T2-3	N0	M0	1,X	Upper, middle
	T2-3	N0	M0	2-3	Lower,X
IIB	T2-3	N0	M0	2-3	Upper, middle
	T1-2	N1	M0	Any	Any
IIIA	T1-2	N2	M0	Any	Any
	T3	N1	M0	Any	Any
	T4a	N0	M0	Any	Any
IIIB	T3	N2	M0	Any	Any
IIIC	T4a	N1-2	M0	Any	Any
	T4b	Any	M0	Any	Any
	Any	N3	M0	Any	Any
IV	Any	Any	M1	Any	Any

Adenocarcinoma

GROUP	T	N	M	Grade
0	Tis	N0	M0	1,X
IA	T1	N0	M0	1-2,X
IB	T1	N0	M0	3
	T2	N0	M0	1-2,X
IIA	T2	N0	M0	3
IIB	T3	N0	M0	Any
	T1-2	N1	M0	Any
IIIA	T1-2	N2	M0	Any
	T3	N1	M0	Any
	T4a	N0	M0	Any
IIIB	T3	N2	M0	Any
IIIC	T4a	N1-2	M0	Any
	T4b	Any	M0	Any
	Any	N3	M0	Any
IV	Any	Any	M1	Any