

胃癌診療指引共識

一、參與討論同仁

主席	謝茂志副院長	
附設醫院	黃昱閔醫師 (消化外科)	蔡佳叡醫師 (血液腫瘤科)
	李玉婷個管師 (癌症中心)	
萬芳醫院	謝茂志副院長 (消化外科)	張家崙醫師 (血液腫瘤科)
	張智翔醫師 (消化內科)	胡瑾瑜個管師 (癌症中心)
雙和醫院	蘇彥豪醫師 (消化外科)	謝耀宇醫師 (血液腫瘤科)
	劉惠文醫師 (血液腫瘤科)	王緯婷個管師 (癌症中心)

二、討論日期：110 年 11 月 29 日

三、校稿人員：蘇彥豪醫師 / 王緯婷個管師

111 年版與上一版差異：

110 年修訂版	111 年修訂版
<p>《胃癌診療指引共識 -1》</p> <p>初步評估 原版 Her2/neu (stage IV) 選擇性</p> <p>《胃癌診療指引共識 -3》</p> <p>原版切片病理檢查、Her2/neu (若懷疑其他部位轉移者加作檢測) [stage IV, stage III 為選擇性]</p>	<p>《胃癌診療指引共識 -1》</p> <p>初步評估 修訂 Her2/neu (stage IV) 由選擇性檢查改為必要檢查 新增 Her2/neu (stage IV 除外) 為選擇性檢查 新增 NGS 檢測為選擇性檢查</p>
	<p>《胃癌診療指引共識 -2》</p> <p>新增 註：病理 stage III 以上，加驗 Her2/neu；MSI / MMR by IHC (選擇性)</p>
	<p>《胃癌診療指引共識 -3》</p> <p>刪除 切片病理檢查、Her2/neu (若懷疑其他部位轉移者加作檢測) [stage IV, stage III 為選擇性]</p>

《胃癌診療指引共識 -1》

初步評估

必要檢查

- 病史及理學檢查
- 胸部 X 光
- 腹部及骨盆腔電腦斷層加顯影劑
- 上消化道內視鏡及切片
- 營養評估
- 胸部電腦斷層加顯影劑 (若要 HIPEC 則必做)
- Her2/neu (stage IV)

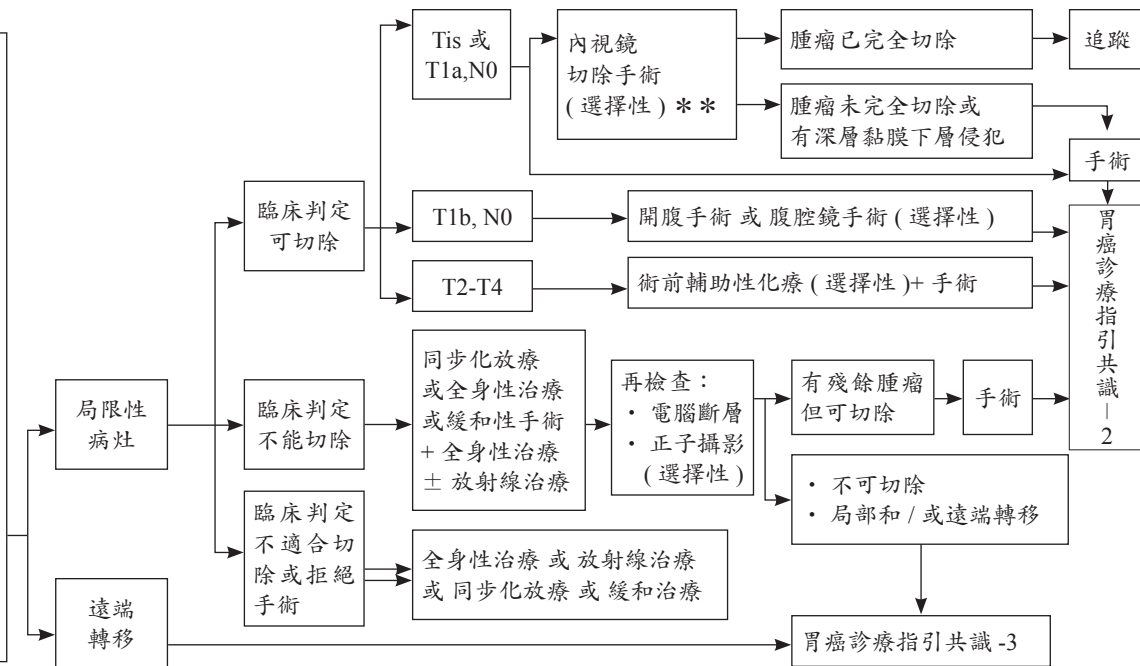
選擇性檢查

- Her2/neu (stage IV 除外)
- 診斷性腹腔鏡
- MMR/PD-L1
- NGS 檢測
- 上腸胃道鉭劑攝影
- 內視鏡超音波
- 骨骼掃描
- 正子攝影

臨床診斷

臨床分期

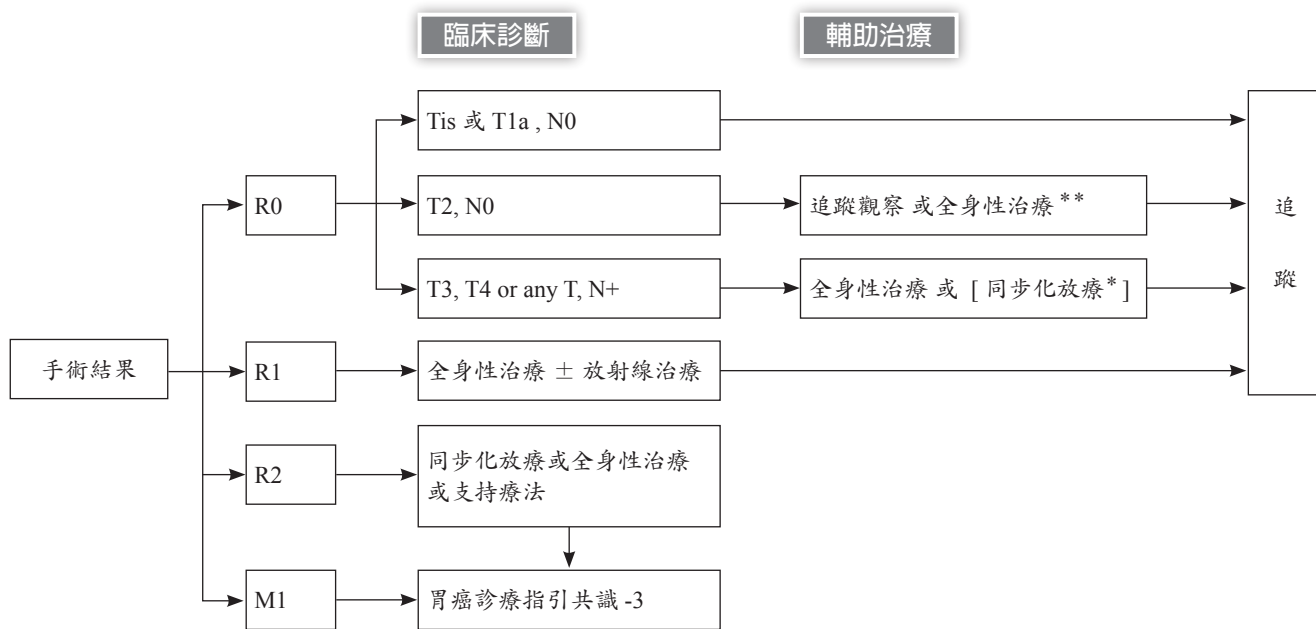
主要治療



註：Tis, T1, T2, T3, T4 為腫瘤大小和範圍；N0: 無淋巴轉移

**：凡是選擇內視鏡切除手術，手術前必做 EUS

《胃癌診療指引共識 -2》



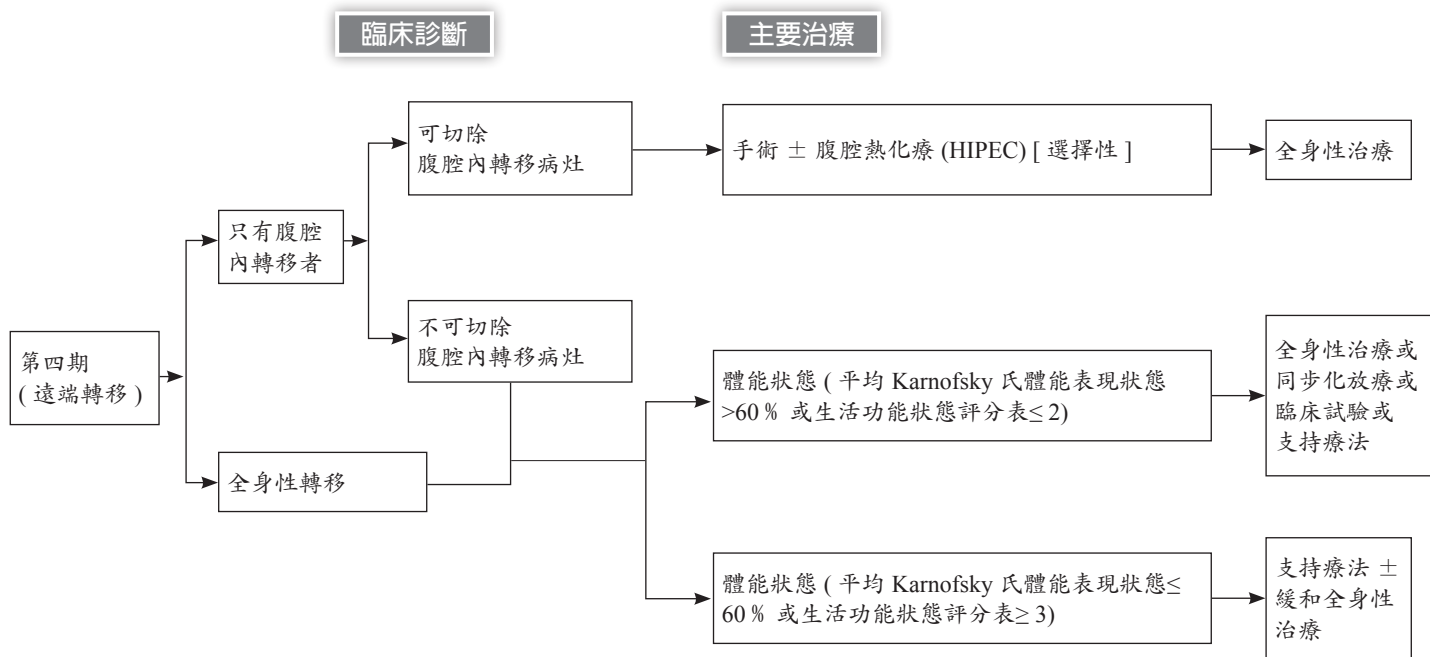
* stage III 以上且 N2-3，或未做到 D2 dissection，或經團隊會議決議有必要，需做 Adjuvant CCRT.

** 根據 NCCN (T2,N0: High risk features include poorly differentiated or higher grade cancer. Lymphovascular invasion. neural invasion or < 50 years of age .)

註：Tis,T1,T2,T3, T4 為腫瘤大小和範圍；N0: 無淋巴轉移

註：病理 stage III 以上，加驗 Her2/neu；MSI/MMR by IHC (選擇性)

《胃癌診療指引共識 -3》



註 1 HIPEC 腹腔熱化療經台北市衛生局核定為自費手術項目
 註 2 有出血或阻塞之病兆，可行緩和手術 / 放射線治療 / 營養支持。

《胃癌治療後追蹤流程》

(一) 手術後一至二年內

- (1) 應每三至六個月進行至少一項胸部及腹部影像學檢查及腫瘤指標追蹤。術後一年內需有至少一次內視鏡檢查，後依臨床狀況追蹤胃鏡。
- (2) 接受內視鏡切除手術者 (ESD、EMR)，術後一年內，每半年追蹤胃鏡一次，之後每年追蹤胃鏡一次。

(二) 手術後三至五年內

- (1) 應每六至十二個月進行至少一項胸部及腹部影像學檢查及腫瘤指標追蹤。依臨床狀況追蹤胃鏡。
- (2) 接受內視鏡切除手術者 (ESD、EMR)，每年追蹤胃鏡一次。

(三) 術後五年後依臨床狀況追蹤胸部及腹部影像學檢查及腫瘤指標追蹤。

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《 胃癌抗癌藥物治療指引 》

Perioperative Chemotherapy

PREFERRED REGIMENS

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	3 pre + 3 post	45
Leucovorin	400	1	Q2W	3 pre + 3 post	
5-FU	400	1	Q2W	3 pre + 3 post	
5-FU	1200*	1-2	Q2W	3 pre + 3 post	

* Continuous infusion for 24 hours

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		18
Leucovorin	200	1	Q2W		
5-FU	2600*	1-2	Q2W		

* Continuous infusion for 24 hours

Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W		22
Capecitabine	1000 PO BID	1-14			

5-FU + Leucovorin + Oxaliplatin + Docetaxel (FLOT)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	50	1	Q2W	4 pre + 4 post	46
Oxaliplatin	85	1	Q2W	4 pre + 4 post	
Leucovorin	200	1	Q2W	4 pre + 4 post	
5-FU	2600*	1	Q2W	4 pre + 4 post	

* Continuous infusion for 24 hours

OTHER RECOMMENDED REGIMENS

Cisplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	50	1	Q2W	4 pre + 4 post	47
5-FU	1000*	1-2	Q2W	4 pre + 4 post	

* Continuous infusion for 24 hours

Preoperative Chemoradiation Therapy

Cisplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	100	1, 29	Q35D	1	1
5-FU	1000*	1-4, 29-32	Q35D	1	

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	15	1-5	Q3W	2	2
5-FU	800*	1-5	Q3W	2	

* Continuous infusion for 24 hours

Cisplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	30	1	QW	5	4
Capecitabine	800 PO BID	1-5	QW	5	

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	3(RT) + 3	3
Leucovorin	400	1	Q2W	3(RT) + 3	
5-FU	400	1	Q2W	3(RT) + 3	
5-FU	800*	1-2	Q2W	3(RT) + 3	

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	3(RT)	50
5-FU	300*	1-4	Q2W	3(RT)	

* Continuous infusion for 24 hours

Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1, 15, 29		1	5
Capecitabine	625 PO BID	1-5	QW	5	

Paclitaxel + Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	45	1	QW	5	7
5-FU	300*	1-5	QW	5	

* Continuous infusion for 24 hours

Paclitaxel + Carboplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	50	1	QW	5	6
Carboplatin	AUC 2	1	QW	5	

Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	200-250	1-5	QW	5	51

* Continuous infusion for 24 hours

Paclitaxel + Carboplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	625-825 PO BID	1-5	QW	5	52

Postoperative Chemoradiation

For patients who have undergone primary D2 lymph node dissection

5-FU (bolus) and Leucovorin MODIFICATIONS

1 cycle before and 2 cycles after chemoradiation

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	750-1000 PO BID	1-14	Q3W	1 before + 2 after	8

2 cycle before and 4 cycles after chemoradiation

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	400	1	Q2W	2 before + 4 after	9
5-Fu	400	1	Q2W	2 before + 4 after	
5-Fu	1200*	1-2	Q2W	2 before + 4 after	

* Continuous infusion for 24 hours

With radiation

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	225 (200-250)*	1-5 or 1-7	QW	5	10

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	825 PO BID	1-5 or 1-7	QW	3	11

Postoperative Chemotherapy

(for patients who have undergone primary D2 lymph node dissection)

Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	8	12
Capecitabine	1000 PO BID	1-14	Q3W	8	

Cisplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	60	1	Q3W	6	13
Capecitabine	1000 PO BID	1-14	Q3W	6	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
UFUR	300-350/day PO	1-28			40

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
TS-1	40-75 PO	1-28 (1-14)	Q42D (Q3W)		41

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		21
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		18
Leucovorin	200	1	Q2W		
5-FU	2600*	1-2	Q2W		

* Continuous infusion for 24 hours

Cisplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	60	1	Q3W	6	38
5-FU	1200	1-4	Q3W	6	

Docetaxel + TS-1

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
TS-1	40-60 mg* PO BID	1-14	Q3W	1	44
Followed by Docetaxel	40	1	Q3W	6	
TS-1	40-60 mg* PO BID	1-14	Q3W	6	
Followed by TS-1	40-60 mg* PO BID	1-14	Q6W	For 1 year	

* < 1.25 m², 40 mg; ≥ 1.25 to < 1.5 m², 50 mg; ≥ 1.5 m², 60 mg

Chemoradiation For Unresectable Disease

Preferred Regimens

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	3 (RT) + 3	3
Leucovorin	400	1	Q2W	3 (RT) + 3	
5-FU	400	1	Q2W	3 (RT) + 3	
5-FU	800*	1-2	Q2W	3 (RT) + 3	

* Continuous infusion for 24 hours

Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1, 25, 29		1	5
Capecitabine	625 PO BID	1-5	QW	5	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	100 (75-100)	1	Q4W	2 (RT) + 2	1
5-FU	1000* (750-1000)	1-4	Q4W	2 (RT) + 2	

* Continuous infusion for 24 hours

Oxaliplatin + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	30	1	QW	5	4
Capecitabine	800 PO BID	1-5	QW	5	

Other Recommended Regimens**Paclitaxel + Fluoropyrimidine**

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	45 (45-50)	1	QW	5	7
5-FU	300*	1-5	QW	5	

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	45-50	1	QW	5	7
Capecitabine	625-825 PO BID	1-5	QW	5	

Systemic Therapy for Metastatic or Locally Advanced Cancer

(Where local therapy is not indicated)

FIRST-LINE THERAPY

Trastuzumab (with chemotherapy)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	8 → 6 mg/kg	1	Q3W		14

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Trastuzumab	6 → 4 mg/kg	1	Q2W		14

PREFERRED REGIMENS

Fluoropyrimidine + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	100	1	Q4W	6	17
5-FU	1000*	1-5	Q4W	6	

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	50	1	Q2W		18, 19
Leucovorin	200	1	Q2W		
5-FU	2000*	1	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	80	1	Q3W		20
Capecitabine	1000 PO BID	1-14	Q3W		

Oxaliplatin + Fluoropyrimidine ± Nivolumab (PD-L1 CPS ≥ 5)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
± Nivolumab	240 mg	1	Q2W		21
Oxaliplatin	85	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		18
Leucovorin	200	1	Q2W		
5-FU	2600*	1	Q2W		

* Continuous infusion for 24 hours

Oxaliplatin + Capecitabine ± Nivolumab (PD-L1 CPS ≥ 5)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
± Nivolumab	360 mg	1	Q2W		22
Oxaliplatin	130	1	Q3W		
Capecitabine	1000 PO BID	1-14	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q3W		48
Capecitabine	625 PO BID	1-14	Q3W		

High dose FL

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	150	1	QW	6	39
5-FU	2600*	1	QW	6	

* Continuous infusion for 24 hours

OTHER REGIMENS

Paclitaxel + Cisplatin/Carboplatin

藥品名*	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	200*	1	Q3W		23
Cisplatin	75	2	Q3W		

* Continuous infusion for 24 hours

藥品名*	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	175	1	Q3W		42
Cisplatin	70	1	Q3W		

藥品名*	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	90	1	Q2W		24
Cisplatin	50	1	Q2W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	200	1	Q3W		25
Carboplatin	AUC 5	1	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	175	1	Q3W		43
Carboplatin	AUC 5	1	Q3W		

Docetaxel + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	70	1	Q3W	Max 6	26, 27
Cisplatin	70	1	Q3W	Max 6	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	85	1	Q3W		26, 27
Cisplatin	75	1	Q3W		

Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	400	1	Q2W		19
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	800*	1-5	Q4W		28

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	1250 PO BID	1-14	Q3W	Max 6	29

Taxane

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75 or 100	1	Q3W		30, 31

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	250	1	Q3W		32

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	80	1	QW	4	33

Irinotecan + 5-FU

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	180	1	Q2W		34
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	80	1		6 + 2 off treatment	49
Leucovorin	500	1	QW	6 + 2 off treatment	
5-FU	2000*	1	QW	6 + 2 off treatment	

* Continuous infusion for 24 hours

DCF modifications

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	50	1	Q2W		35
Oxaliplatin	85	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	40	1	Q2W		36
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1000*	1-2	Q2W		
Cisplatin	40	3	Q2W		

* Continuous infusion for 24 hours

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	75	1	Q3W		37
Carboplatin	AUC 6	2	Q3W		
5-FU	1200*	1-3	Q2W		

* Continuous infusion for 24 hours

ECF modifications

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	50	1	Q3W		15, 16
Cisplatin	60	1	Q3W		
Capecitabine	625 PO BID	1-21	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	50	1	Q3W		15, 16
Oxaliplatin	130	1	Q3W		
Capecitabine	625 PO BID	1-21	Q3W		

★三院有個別版本

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《胃癌放射治療共識》

一、治療範圍

1. 胃部腫瘤
2. 手術後殘餘腫瘤或腫瘤原發部位
3. 腹腔內淋巴轉移病灶
4. 腹腔淋巴轉移高風險範圍

二、治療劑量 / 次數

1. 術後無殘餘：48Gy(45.0-50.4Gy) / 次數 27 次 (25-28 次)
2. 術後有殘餘：53Gy(50.0-55.8Gy) / 次數 28 次 (25-31 次)

三、治療方式：

使用強度調控放射治療技術，包含弧形及螺旋放射規劃，可考慮搭配影像導引治療，治療選擇可使用同步照射高與低危險部位的方式或先給予整個照射部位部份劑量照射後，再針對高危險部位加強劑量。

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