

《 食道癌抗癌藥物治療指引 》

Preoperative Chemoradiation Therapy of Esophageal Cancer Preferred Regimens

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	1
Carboplatin	AUC 2	1	QW	5	

Oxaliplatin + Fluoropyrimidine

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	2
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, 15, 29		For 3 doses	42
Capecitabine	625 PO BID	1-5	QW	5	

Other Regimens

Cisplatin + Fluoropyrimidine

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

* 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	5
5-FU	800*	1-5	Q3W	2	

* 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	30	1	QW	5	43
Capecitabine	800 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	1, 29	Q35D	1	4
5-Fu	1000	1-4, 29-32	Q35D	1	

Irinotecan + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	65	1, 8, 22, 29		1	6
Cisplatin	30	1, 8, 22, 29		1	

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

Perioperative Chemotherapy (Include EGJ)

Preferred Regimens

ECF modications

藥品名 ^{*(W)}	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	50	1	Q3W	6*	9
Cisplatin	60	1	Q3W	6*	
Capecitabine	625 PO BID	1-21	Q3W	6*	

*3(pre-op) + 3(post-op)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	50	1	Q3W	6*	9
Oxaliplatin	130	1	Q3W	6*	
Capecitabine	625 PO BID	1-21	Q3W	6*	

*3(pre-op) + 3(post-op)

Oxaliplatin + Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	6 [#]	22
Leucovorin	400	1	Q2W	6 [#]	
5-FU	400	1	Q2W	6 [#]	
5-FU	1200*	1-2	Q2W	6 [#]	

* Continuous infusion for 24 hours [#]3 (pre-op) + 3 (post-op)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	6 [#]	19
Leucovorin	200	1	Q2W	6 [#]	
5-FU	2600*	1	Q2W	6 [#]	

* Continuous infusion for 24 hours [#]3 (pre-op) + 3 (post-op)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	6 [#]	23
Capecitabine	1000 PO BID	1-14	Q3W	6 [#]	

[#]3 (pre-op) + 3 (post-op)

Oxaliplatin + Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	50	1	Q2W	8 [#]	8
Oxaliplatin	85	1	Q2W	8 [#]	
Leucovorin	200	1	Q2W	8 [#]	
5-FU	2600*	1	Q2W	8 [#]	

* Continuous infusion for 24 hours [#]4 (pre-op) + 4 (post-op)

Other Regimens

Cisplatin + Fluorouracil

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	100	1	Q4W	6 [#]	9
5-Fu	800*	1-5	Q4W	6 [#]	

* Continuous infusion for 24 hours [#]2-3 (pre-op) + 3-4 (post-op)

Preoperative Chemotherapy

(Only for adenocarcinoma of the thoracic esophagus or EGJ)

Cisplatin + Fluorouracil

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	80	1	Q3W	2 [#]	10
5-Fu	1000*	1-4	Q3W	2 [#]	

* Continuous infusion for 24 hours [#]2(pre-op)

Definitive Chemoradiation (Non-Surgical) Preferred Regimens

Oxaliplatin + Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	6 [#]	5
Leucovorin	400	1	Q2W	6 [#]	
5-FU	400	1	Q2W	6 [#]	
5-FU	800*	1-2	Q2W	6 [#]	

* Continuous infusion for 24 hours [#]3 (RT) + 3 (post-RT)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1, 15, 29		For 3 doses	42
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
Oxaliplatin	85	1, 15, 29			3
5-FU	180	1-33			

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	1
Carboplatin	AUC 2	1	QW	5	

Cisplatin + Fluoropyrimidine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	75	1	Q4W	2~4#	11
5-FU	1000*	1-4	Q4W	2~4#	

* Continuous infusion for 24 hours #2 (RT) + 2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cisplatin	30	1	QW	5	41
Capecitabine	800 PO BID	1-5	QW	5	

Other Regimens

Taxane + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	60	1, 8, 15, 22		1	12
Cisplatin	75	1		1	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	60	1, 22		1	13
Cisplatin	80	1, 22		1	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	30	1	QW	5	14
Cisplatin	30	1	QW	5	

Irinotecan + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	65	1, 8, 22, 29		1	6
Cisplatin	30	1, 8, 22, 29		1	

Paclitaxel + Fluoropyrimidine

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
5-FU	300*	1-5	QW	5	

* Continuous infusion for 24 hours

Postoperative Chemoradiation (Including EGJ)

5-FU (bolus) + Leucovorin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Lecucovorin	20	1-5	Q4W	1 st , 3 rd , 4 th #	15, 44
5-FU	425	1-5	Q4W	1 st , 3 rd , 4 th #	
Lecucovorin	20	1-4, 31-33	Q5W	2 nd (with RT)	
5-FU	400	1-4, 31-33	Q5W	2 nd (with RT)	

#Cycle 1st (pre-RT), and cycle 3rd, 4th (post-RT)

5-FU + Leucovorin modifications

1 cycle before + 2 cycle after chemoradiation

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	1000 PO BID	1-14	Q4W	1 + 2	45

2 cycle before + 4 cycle 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 + 4	58
5-FU	400	1	Q2W	2 + 4	
5-FU	1200*	1-2	Q2W	2 + 4	

*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	1-5 or 1-7	QW	5 with RT	47

*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	5 with RT	46

Postoperative Chemotherapy Preferred Regimens

Nivolumab only after preoperative chemoradiation with R0 resection and residual disease

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W	8	49
Followed by Nivolumab	480 mg	1	Q4W	For max 1 year	

Other Recommended Regimens

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		16
Capecitabine	1000 PO BID	1-14	Q3W		

Oxaliplatin + Fluorouracil

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		22
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours #3 (RT) + 3 (post-RT)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		19
Leucovorin	200	1	Q2W		
5-FU	2600*	1-2	Q2W		

* Continuous infusion for 24 hours #3 (RT) + 3 (post-RT)

Neoadjuvant or Perioperative Immunotherapy

Nivolumab and Ipilimumab followed by Nivolumab (MSI-H/dMMR)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W	Pre-OP X 6	54
Ipilimumab	1 mg/kg	1	Q6W	Pre-OP X 2	
Followed by surgery					
Nivolumab	480 mg	1	Q4W	Pre-OP X 9	

Pembrolizumab (MSI-H/dMMR)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Pre-OP X 2	55, 56
Followed by surgery					
Pembrolizumab	200 mg	1	Q3W	Pre-OP X 5	

Tremelimumab + Durvalumab (MSI-H/dMMR) (for neoadjuvant therapy only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Tremelimumab	300 mg	1	Q12W	Pre-OP X 1	57
Durvalumab	1500 mg	1	Q4W	Pre-OP X 3	

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		17, 53

Trastuzumab (with chemotherapy)

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		17

Preferred Regimens

± Nivolumab + Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
± Nivolumab	360 mg	1	Q3W		51
Oxaliplatin	130	1	Q3W		23
Capecitabine	1000 PO BID	1-14	Q3W		

For adenocarcinoma (PD-L1 CPS: 1-4, category 2B; ≥ 5, category 1) or Squamous cell carcinoma.

*2023 NCCN & 團隊共識

± Nivolumab + Oxaliplatin + 5Fu

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
± Nivolumab	240 mg	1	Q2W		50
Oxaliplatin	85	1	Q2W		22
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

For adenocarcinoma (PD-L1 CPS: 1-4, category 2B; ≥ 5, category 1) or Squamous cell carcinoma.

* Continuous infusion for 24 hours

Nivolumab + 5FU + Cisplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	360 mg	1	Q3W	Max 2 years	50
Cisplatin	80	1	Q3W	Max 2 years	54
Capecitabine	850~1000* PO BID	1-14	Q3W	Max 2 years	

*2023 NCCN & 團隊共識

Pembrolizumab + Oxaliplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Up to 2 years	51
Oxaliplatin	130	1	Q3W	6	
Capecitabine	1000 PO BID	1-14	Q3W	6	

*2023 NCCN & 團隊共識

Pembrolizumab + Oxaliplatin + 5Fu

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q2W	Up to 2 years	51
Oxaliplatin	85	1	Q2W	9	
Leucovorin	400	1	Q2W	9	
5-FU	400	1	Q2W	9	
5-FU	1200*	1-2	Q2W	9	

* Continuous infusion for 24 hours

Pembrolizumab + Cisplatin + 5Fu

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Up to 2 years	51
Cisplatin	80	1	Q3W	6	
5-Fu	800*	1-5	Q3W	6	

* Continuous infusion for 24 hours

Pembrolizumab + Cisplatin + Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W	Up to 2 years	51
Cisplatin	80	1	Q3W	6	
Capecitabine	1000 PO BID	1-14	Q3W	6	

*2023 NCCN & 團隊共識

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		18
5-FU	1000*	1-4	Q4W		

* 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		19, 20
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		21
Capecitabine	850~1000* PO BID	1-14	Q3W		

*2023 NCCN & 團隊共識

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	3 mg/kg	1	Q3W	Max 2 years	53
Ipilimumab	1 mg/kg	1	Q6W		

Fluoropyrimidine + Oxaliplatin

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		19
Leucovorin	200	1	Q2W		
5-FU	2600*	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
Oxaliplatin	85	1	Q3W		47
Capecitabine	625 PO BID	1-14	Q3W		

MSI-H/dMMR tumors (independent of PD-L1 status)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W		55

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	400 mg	1	Q6W		56

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	1 mg/kg	1	Q3W	4	57
Ipilimumab	3 mg/kg	1	Q3W	4	
Followed by					
Nivolumab	240 mg	1	Q2W	Max 2 years	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q3W	4	57
Ipilimumab	1 mg/kg	1	Q3W	4	
Followed by					
Nivolumab	240 mg (480 mg)	1	Q2W (Q4W)	Max 2 years	

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		24
Cisplatin	75	2	Q3W		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	90	1	Q2W		25
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		26
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	75-85	1	Q3W		27, 28
Cisplatin	70-75	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		20
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		29

* 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		30

Taxane

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Docetaxel	100	1	Q3W		31, 32

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	250	1	Q3W		33

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Paclitaxel	80	1	QW		34

Irinotecan + 5-FU (only for adenocarcinoma)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	180	1	Q2W		35
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	QW	6 + 2(off)#	48
Leucovorin	500	1	QW	6 + 2(off)#	
5-FU	2000*	1	QW	6 + 2(off)#	

* Continuous infusion for 24 hours #6 weeks treatment, followed by 2 weeks off

ECF

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Epirubicin	50	1	Q3W		38
Cisplatin	60	1	Q3W		
5-Fu	200*	1-21	Q3W		

* 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		39, 40
Oxaliplatin	130	1	Q3W		
5-Fu	200*	1-21	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
Epirubicin	50	1	Q3W		39, 40
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		38
Oxaliplatin	130	1	Q3W		
Capecitabine	625 PO BID	1-21	Q3W		

DCF modifications

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	50	1	Q2W		37
Oxaliplatin	85	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

參考文獻

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