

《大腸直腸癌抗癌藥物治療指引》

Adjuvant Therapy of Colon Cancer

mFOLFOX6

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	12	1-3
Leucovorin	400	1	Q2W	12	1-3
5-FU	400	1	Q2W	12	1-3
5-FU	1200*	1-2	Q2W	12	1-3

* Continuous infusion for 24 hours

FOLFOX4

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	12	8
Leucovorin	200	1	Q2W	12	8
5-FU	400	1	Q2W	12	8
5-FU	600*	1-2	Q2W	12	8

* Continuous infusion for 24 hours

FOLFOX7

藥品名 *	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W		11
Leucovorin	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Capecitabine

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	8	4

CapeOx

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	8	5
Capecitabine	1000 PO BID	1-14	Q3W	8	

5-FU+LV

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	500	1, 8, 15, 22, 29, 36	Q8W	4	6
5-FU	500	1, 8, 15, 22, 29, 36	Q8W	4	

sLV5FU2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	400	1	Q2W	12	7
5-FU	400	1	Q2W	12	
5-FU	1200*	1-2	Q2W	12	

* Continuous infusion for 24 hours

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	Q4W	6	9
± Leucovorin	50-150 mg PO QD	1-28	Q4W	6	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
TS-1	40 PO BID	1-28	Q6W	4	10

Neoadjuvant Therapy of Colon Cancer

同 1st line therapy of metastatic colon cancer

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Adjuvant Therapy of Rectal Cancer

Chemotherapy

mFOLFOX6

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	12	1-3
Leucovorin	400	1	Q2W	12	
5-FU	400	1	Q2W	12	
5-FU	1200*	1-2	Q2W	12	

* Continuous infusion for 24 hours

sLV5FU2

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	400	1	Q2W	12	4, 13
5-FU	400	1	Q2W	12	
5-FU	1200*	1-2	Q2W	12	

* Continuous infusion for 24 hours

Capecitabine

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	8	5

CapeOx

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	8	6, 7
Capecitabine	1000 PO BID	1-14	Q3W	8	

5-FU+LV

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	500	1, 8, 15, 22, 29, 36	Q8W	4	8
5-FU	500	1, 8, 15, 22, 29, 36	Q8W	4	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Uracil-Tegafur (UFUR)	300-350/day PO	1-28	Q4W	6	14
± Leucovorin	50-150 mg PO QD	1-28	Q4W	6	

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Tegafur/gimeracil/ oteracil (TS-1)	40 PO BID	1-28	Q42D	4	15

Chemotherapy + RT

XRT + continuous infusion 5-FU

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	Q4W	During XRT	9

XRT + 5-FU/LV

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
5-FU	400	1-4	Q4W	During week 1, 5 of XRT	10
Leucovorin	20	1-4	Q4W		

XRT + Capecitabine

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	QW	5	11, 12

XRT + mFOLFOX6

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1			16
Leucovorin	400	1			
5-FU	400	1			
5-FU	1200*	1-2			

* Continuous infusion for 24 hours

Neoadjuvant Therapy of Rectal Cancer

FOLFOX

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	6	16
Leucovorin	400	1	Q2W	6	
5-FU	400	1	Q2W	6	
5-FU	1200*	1-2	Q2W	6	

* Continuous infusion for 24 hours

CapeOx

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	4	17
Capecitabine	1000 PO BID	1-14	Q3W	4	

FOLFIRINOX (T4, N+)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	12	20
Leucovorin	400	1	Q2W	12	
Irinotecan	180	1	Q2W	12	
5-FU	400	1	Q2W	12	
5-FU	1200*	1-2	Q2W	12	

* Continuous infusion for 24 hours

mFOLFIRINOX (T4, N+)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	12	21
Leucovorin	400	1	Q2W	12	
Irinotecan	150	1	Q2W	12	
5-FU	1200*	1-2	Q2W	12	

* Continuous infusion for 24 hours

Therapy after CCRT

Oral Uracil-Tegafur + LV

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Uracil-Tegafur (UFUR)	250 mg/m ² PO QD		QW		18, 19
Leucovorin (Folina)	45 mg PO QD		QW		

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Chemotherapy for Advanced or Metastatic Colon and Rectal Cancer

First-line therapy

mFOLFOX6

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	8-12	1, 2, 3
Leucovorin	400	1	Q2W	8-12	
5-FU (optional)	400	1	Q2W	8-12	
5-FU	1200*	1-2	Q2W	8-12	

* Continuous infusion for 24 hours

mFOLFOX7

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	8-12	28
Leucovorin	200	1	Q2W	8-12	
5-FU	1200	1-2	Q2W	8-12	

* Continuous infusion for 24 hours

FOLFOX + Bevacizumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	5 mg/kg	1	Q2W		4
Oxaliplatin	85	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

FOLFOX + Panitumumab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Panitumumab	6 mg/kg	1	Q2W		5
Oxaliplatin	85	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

FOLFOX + Cetuximab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cetuximab	500 (400 → 250)	1	Q2W (QW)		6
Oxaliplatin	85	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Xelox

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	85	1	Q2W	Max 12	33
Capecitabine	1000 PO BID	1-7	Q2W	Max 12	

CapeOx

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Oxaliplatin	130	1	Q3W	Max 16	7
Capecitabine	1000 PO BID	1-14	Q3W	Max 16	

CapeOx + Bevacizumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	7.5 mg/kg	1	Q3W	Max 16	7
Oxaliplatin	130	1	Q3W	Max 16	
Capecitabine	1000 PO BID	1-14	Q3W	Max 16	

FOLFIRI

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Irinotecan	180	1	Q2W		8, 9
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

FOLFIRI + Bevacizumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	5 mg/kg	1	Q2W		10
Irinotecan	180	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

FOLFIRI + Cetuximab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cetuximab	500 (400 → 250)	1	Q2W (QW)		11, 12
Irinotecan	180	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

FOLFIRI + Panitumumab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Panitumumab	6 mg/kg	1	Q2W		13
Irinotecan	180	1	Q2W		
Leucovorin	400	1	Q2W		
5-FU (optional)	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Capecitabine

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Capecitabine	1000 (825-1250) PO BID	1-14	Q3W		16

Capecitabine + Bevacizumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	7.5 mg/kg	1	Q3W		16
Capecitabine	1000 (825-1250) PO BID	1-14	Q3W		

CapeOx + Cetuximab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cetuximab	500 (400 → 250)	1	Q2W (QW)	*	39
Oxaliplatin	130	1	Q3W		
Capecitabine	1000 PO BID	1-14	Q3W		

*12 weeks before & after surgery

CapeOx + Panitumumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Panitumumab	6 mg/kg	1	Q2W	*	39
Oxaliplatin	130	1	Q3W		
Capecitabine	1000 PO BID	1-14	Q3W		

*12 weeks before & after surgery

FOLFOXIRI ± Bevacizumab

藥品名	劑量 * mg/m ²	給藥日	頻率	週期	參考文獻
± Bevacizumab	5 mg/kg	1	Q2W		21, 22, 43
Oxaliplatin	85	1	Q2W		
Leucovorin	400	1	Q2W		
Irinotecan	150	1	Q2W		
± 5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Cetuximab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Cetuximab	500 (400 → 250)	1	Q2W (QW)		12, 25

Panitumumab (KRAS/NRAS WT gene only)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Panitumumab	6 mg/kg	1	Q2W		26

Pembrolizumab (MSI-H)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	2 mg/kg	1	Q3W		29

Pembrolizumab (MSI-H)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Pembrolizumab	200 mg	1	Q3W		29

Nivolumab (MSI-H)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	3 mg/kg	1	Q2W		30

Nivolumab (MSI-H)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Nivolumab	240 mg	1	Q2W		30

Nivolumab + Ipilimumab (MSI-H)

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	4	36
Ipilimumab	1 mg/kg	1	Q3W		
Followed by					
Nivolumab	3 mg/kg or 240 mg	1	Q2W		

Bolus or Infusional 5FU/Leucovorin

Roswell Park

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	500	1, 8, 15, 22, 29, 36	Q8W		17
5-FU	500	1, 8, 15, 22, 29, 36	Q8W		

Simplified biweekly infusional 5-FU/LV (sLV5FU2)

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	400	1	Q2W		8
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Infusional 5-FU/LV (sLV5FU2) + Bevacizumab

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Bevacizumab	5 mg/kg	1	Q2W		38
Leucovorin	400	1	Q2W		
5-FU	400	1	Q2W		
5-FU	1200*	1-2	Q2W		

* Continuous infusion for 24 hours

Weekly

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	20	1	QW		18
5-FU	500	1	QW		

藥品名	劑量 mg/m ²	給藥日	頻率	週期	參考文獻
Leucovorin	500	1	QW		19
5-FU	2600	1	QW		

* Continuous infusion for 24 hours

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