

亞東紀念醫院

Colorectal Cancer

化學治療處方集

2008-08 制定

最近修改日期：2013-10

Adjuvant

【FOLFOX】

Oxaliplatin $85\text{mg}/\text{m}^2$ in D5W 250ml IV drip 2 hrs

Leucovorin $400\text{mg}/\text{m}^2$ in N/S 100ml IV drip 2hrs, concomitant with Oxaliplatin,
then

5-FU $400\text{mg}/\text{m}^2$ in N/S 100ml IV drip 5 mins, followed by,

5-FU $2400\text{mg}/\text{m}^2$ in N/S 500ml IV drip 46 hrs

Every 2 weeks for a total of 24 weeks

【modified FOLFOX at FEMH】

Oxaliplatin $85\text{mg}/\text{m}^2$ in D5W 250ml IV drip 2 hrs, followed by

[5-FU $2000\text{-}2600\text{mg}/\text{m}^2$ + Leucovorin $300\text{-}400\text{mg}/\text{m}^2$] in N/S 500ml IV drip 46
hrs, D1

Every 2 weeks for a total of 24 weeks

【FLOX】

Oxaliplatin $85\text{mg}/\text{m}^2$ in D5W 500ml IV drip 2 hrs

every 2 weeks, repeated 3 times followed by a 2-week rest

[5-FU $450\text{ mg}/\text{m}^2$ + Leucovorin $30\text{ mg}/\text{m}^2$] in N/S 500ml IV drip 2hrs mins
weekly, consecutive 6 weeks followed by a 2-week rest

Eight weeks as a cycle, a total of 3 cycles (24 weeks)

【Capecitabine as adjuvant for colorectal cancer】

Capecitabine $1250\text{ mg}/\text{m}^2$, PO, bid, D1-D14, every 3 weeks,
for a total of 24 weeks

【UFUR as adjuvant for colorectal cancer】

UFUR (based on Tegafur $300\text{mg}/\text{m}^2/\text{d}$), PO, divided into 3 doses

Total of one year.

Colorectal Cancer 化學治療處方參考集

2008-08 制定 2013-10 最後修定

【5-FU / Leucovorin】

5-FU 500 mg/m^2 + Leucovorin 50 mg/m^2 in N/S 100ml IV drip 2 hrs

Weekly for total 24 weeks

References :

1. N Engl J Med 2004;350:2343-51
2. J Clin Oncol 2007; 25:2198-2204

亞東紀念醫院 版權所有

Colorectal Cancer 化學治療處方參考集

2008-08 制定 2013-10 最後修定

Neoadjuvant

【5-FU + LV - CCRT for Rectal cancer】

5FU 450mg/m² in N/S 100ml IV drip 5 mins

Leucovorin 30mg/m² in N/S 100ml IV drip 5 mins

Concomitant with radiotherapy, weekly

【Oxaliplatin + 5FU CCRT for Rectal cancer】

Oxaliplatin 65mg/m² in D5W 500ml IV drip 2 hrs; D1, D8

(5FU 2000mg/m² + Leucovorin 300mg/m²) in N/S 500ml IV drip 24 hrs; D1, D8, D15

Concomitant with radiotherapy, repeated every 3 weeks, 2 cycles

Oxaliplatin 健保未給付

References :

1. J Clin Oncol 2008; 26:3687-3694

Colorectal Cancer 化學治療處方參考集

2008-08 制定 2013-10 最後修定

Metastatic disease

【Oxaliplatin-HDFL】

Oxaliplatin 65 mg/m² (i.v. 2-hr), Day 1, 8
(5-FU 2000 mg/m²+ Leucovorin 300 mg/m²) (i.v. 24-hr) Day1, 8,
Repeated cycles every 3 weeks

【Oxaliplatin-HDFL48】

Oxaliplatin 65 mg/m² (i.v. 2-hr), Day1, 15
(5-FU 2600 mg/m²+ Leucovorin 300 mg/m²) (i.v. 48-hr) Day1, 8, 15
Repeated cycles every 4 weeks

【FOLFOX】

Oxaliplatin 85mg/m² in D5W 250ml IV drip 2 hrs
Leucovorin 400mg/m² in N/S 100ml IV drip 2hrs, concomitant with Oxaliplatin,
then
5-FU 400mg/m² in N/S 100ml IV drip 5 mins, followed by,
5-FU 2400mg/m² in N/S 500ml IV drip 46 hrs
Repeated every 2 weeks

【modified FOLFOX at FEMH】

Oxaliplatin 85mg/m² in D5W 250ml IV drip 2 hrs, followed by
[5-FU 2000-2600mg/m² + Leucovorin 300-400mg/m²] in N/S 500ml IV drip 46
hrs, D1
Repeated every 2 weeks

【modified FOLFIRI at FEMH】

Irinotecan 75-100mg/m² in N/S 250ml IV drip 2 hrs, followed by
[5-FU 2000-2600mg/m² + Leucovorin 300-400mg/m²] in N/S 500ml IV drip 46
hrs, D1
Repeated every 2 weeks

Colorectal Cancer 化學治療處方參考集

2008-08 制定 2013-10 最後修定

【Irinotecan-HDFL】

Irinotecan 75 mg/m² (i.v. 2-hr), Day 1, 8
(5-FU 2000 mg/m²+ Leucovorin 300 mg/m²) (i.v. 24-hr) Day1, 8,
Repeated cycles every 3 weeks

【Cetuximab-Irinotecan】

Cetuximab 400mg/m² (first week), then 250mg/m² (subsequent week) iv drip 2hrs,
weekly
Irinotecan 80mg/m² iv drip 2hrs D1,8, repeated every 3 weeks

【Cetuximab + Irinotecan - HDFL】

Cetuximab 400mg/m² (first week), then 250mg/m² (subsequent week) iv drip 2hrs,
weekly
Irinotecan 75 mg/m² (i.v. 2-hr), Day 1, 8
(5-FU 2000 mg/m²+ Leucovorin 300 mg/m²) (i.v. 24-hr) Day1, 8,
Repeated cycles every 3 weeks

【Bevacizumab + Oxaliplatin-HDFL】

Bevacizumab 7.5mg/kg iv drip 2hrs, D1
Oxaliplatin 65 mg/m² (i.v. 2-hr), Day 1, 8
(5-FU 2000 mg/m²+ Leucovorin 300 mg/m²) (i.v. 24-hr) Day1, 8,
Repeated cycles every 3 weeks

【Bevacizumab + Irinotecan-HDFL】

Bevacizumab 7.5mg/kg iv drip 2hrs, D1
Irinotecan 60-100 mg/m² (i.v. 1.5-hr), Day 1, 8
(5-FU 2000 mg/m²+ Leucovorin 300 mg/m²) (i.v. 24-hr) Day1, 8,
Repeated cycles every 3 weeks

Colorectal Cancer 化學治療處方參考集

2008-08 制定 2013-10 最後修定

【Avastin-containing regimen】

【XELOX】

Xeloda (capecitabine) 850-1000mg/m² bid D1-14, q21d

Oxaliplatin 130mg/m² in D5W 250ml IV drip 2 hrs, D1 q21d

【HDFL】

5-FU 2600 mg/m²+ Leucovorin 300 mg/m² (i.v. 24-hr) Day1, 8, 15, q28d

Repeated cycles every 3 weeks

References :

1. J Clin Oncol 2004; 22: 229-237
2. J Clin Oncol 2007; 25:5225-5232
3. N Engl J Med 2004;351:337-45
4. N Engl J Med 2004;350:2343-51
5. J Clin Oncol 2007; 25:1539-1544
6. J Clin Oncol 2008 ; 26 : 2006-2012
7. J Clin Oncol 2007 ; 25 : 102-109
8. Annals of Oncology 2008 ; 19 : 1720-1726