



中山醫學大學附設醫院

Chung Shan Medical University Hospital

院內常用化療處方

Adjuvant Chemotherapy

Breast Cancer

Regimen		Reference
AC	Adriamycin 60 mg/m ² , i.v. on day 1 Cyclophosphamide 600 mg/m ² , i.v. on day 1 Repeat cycle every 21 days	Fisher B, et al. J Clin Oncol. 1997; 15:1858-1869
CAF	Cyclophosphamide 600 mg/m ² , i.v. on day 1 Adriamycin 60 mg/m ² , i.v. on day 1 5-FU 600 mg/m ² , i.v. on days 1 and 8 Repeat cycle every 28 days	Budman DR, et al. J Natl Cancer Inst. 1998; 90:1205-1211.
CMF	Cyclophosphamide 100 mg/m ² , p.o. on days 1-14 Methotrexate 40 mg/m ² , i.v. on days 1 and 8 5-FU 600 mg/m ² , i.v. on days 1 and 8 Repeat cycle every 28 days	Bonadonna G, et al. N Eng J Med. 1976; 294:405-410.
CEF	Cyclophosphamide 500 mg/m ² , i.v. on day 1 Epirubicin 100 mg/m ² , i.v. on day 1 5-FU 500 mg/m ² , i.v. on day 1 Repeat cycle every 21 days	Coombes RC, et al. J Clin Oncol. 1996; 14:35-45.
AC Taxol	AC x 4 cycles Taxol x 4 cycles Adriamycin 60 mg/m ² , i.v. on day 1 Cyclophosphamide 600 mg/m ² , i.v. on day 1 Repeat cycle every 21 days Followed by Taxol 175 mg/m ² by 3h i.v. infusion on day 1 Cycled every 21 days for 4 cycles Or Taxol 80 mg/m ² , i.v. on days 1, 8, and 15 Repeat cycle every 28 days	Henderson IC, et al. J Clin Oncol. 2003; 21:976-983.

TAC + GCSF

Taxotere 70-75 mg/m², i.v. on day 1
Adriamycin 50 mg/m², i.v. on day 1
Cyclophosphamide 500 mg/m², i.v. on day 1

Weekly
paclitaxel

Repeat cycle every 21 days, x 6 cycles
Paclitaxel 80mg/m², on day 1, 8, 15, every 28 days

Colonrectal Cancer

Regimen

MAYO regimen

5-FU 425 mg/m² daily, i.v. bolus, on days 1-5
Leucovorin 20 mg/m² daily, i.v. bolus on days 1-5

Repeat cycle every 4 weeks, x 6 cycles

Reference

Poon MA, et al. J Clin
Oncol. 1991; 11:1967.

Roswell Park

5-FU 500 mg/m², i.v. bolus 1 hour after start of
Leucovorin

Memorial

Leucovorin 20 mg/m², i.v. over 2 hours

Institute

regimen

Weekly x6 / every 8 weeks x 4 cycles

Benson AB, et al. Oncology
2000; 14:203-212.

Capecitabine

regimen

Capecitabine 1,250 mg/m²/12 hours during 14 days
(suggest Capecitabine dosage 825 mg/m²)

Cycle to be repeated every three weeks for 24
weeks

Twelves C, et al. New Eng J
Med. 2005; 352:2696-2704.

FOLFOX 4

regimen

Oxaliplatin 85 mg/m² i.v. on day 1
5-FU 400 mg/m² i.v. bolus, followed by 600 mg/m²
i.v. continuous infusion for 22 hours on day 1 and 2
Leucovorin 200 mg/m² on day 1 and 2 as a 2-hour

infusion before 5-FU
Repeat cycle every 2 weeks for a total of 12 cycles.

deGramont A, et al. Proc
Am Soc Clin Oncol. 2003;
22:253.

mFOLFOX 4

Oxaliplatin 85 mg/m² i.v. on day 1
5-FU 3,000 mg/m² + Leucovorin 150 mg/m² In NS
500 ml continuous infusion 46 hours.

mFOLFOX 6

Oxaliplatin 85mg/m² IV over 2 hours, day 1
Leucovorin 400 mg/m² IV over 2 hours, day 1
5-FU 400 mg/m² IV bolus on day 1, then 1200
mg/m²/day x 2 days (total 2400 mg/m² over 46-48

hours) continuous infusion

Repeat every 2 weeks

Cheeseman S. et al. Brit J
Cacner 2002; 87:393-399.

Welles L. et al. J Clin
Oncol 2004; 23:Abstract
3537.

Lung Cancer

Regimen		Reference
Cisplatin-based	Cisplatin 70-80 mg/m ² , days 1 or 2 Vinorelbine 25 mg/m ² , day 1, 8, Cycle to be repeated every three weeks for 4 cycles	Winton T. et al. N Engl J Med. 2005; 352:2589-2597.
Oral UFUR	UFUR 250 mg/m ² , daily	
Other acceptable Cisplatin-based regimens	Cisplatin 70-80 mg/m ² on day 1 Gemcitabine 1000 mg/m ² on day 1, 8 Repeat every 21 days	Ohe Y. et al. Ann Oncol 2007; 18:317-323.
Chemotherapy regimens for patients with comorbidities or patients not able to tolerate cisplatin	Gemcitabine 1000 mg/m ² on day 1, 8, 15 Carboplatin AUC 5 on day 1 Repeat every 28 days for 4 cycles	Danson S. et al. Cancer 2003; 98(3):542-553.
Paclitaxel + Cisplatin	Paclitaxel 80 mg/m ² on day 1, 8, 15 Cisplatin 70-80 mg/m ² on day 15 Repeat every 28 days for 4 cycles	
Docetaxel + Cisplatin	Docetaxel 35 mg/m ² on day 1, 8, 15 Cisplatin 70-80 mg/m ² on day 15 Repeat every 28 days for 4 cycles	
Vinorelbine + Cisplatin	Vinorelbine 25 mg/m ² on day 1, 8, 15 Cisplatin 70-80 mg/m ² on day 15 Repeat every 28 days for 4 cycles	
Alimta + Cisplatin	Alimta 500 mg/m ² on day 1 Cisplatin 70-80 mg/m ² on day 1 Repeat every 21 days	
Etoposide + Cisplatin	Etoposide 80 mg/m ² on day 1-3 Cisplatin 70-80 mg/m ² on day 1 Repeat every 21 days	

Head & Necks

Regimen		Reference
PF (4 days regimen)	Cisplatin 50-75 mg/m ² , days 1 5-FU 1,000 mg/m ² day 1-4 Repeat cycle every 28 day	Cooper JS. JAMA 1999; 281:1623
Weekly PFL	Cisplatin 25-35 mg/m ² , days 1 5-FU 2,600 mg/m ² Leucovorin 300 mg/m ² 24 hours continuous infusion	
Bi-weekly Cisplatin + 5FU + LV	Cisplatin 50 mg/m ² days 1 5-FU 3000 mg/m ² Leucovorin 150 mg/m ² 46 hours continuous infusion	
Weekly Paclitaxel	Paclitaxel 80mg/m ² , on day 1, 8, 15, Repeat every 28 days	
Weekly cisplatin	Cisplatin 25-35 mg/m ² , days 1, 8, 15, Repeat every 28 days For CCRT	

Lymphoma

R-CHOP	Rituximab 375 mg/m ² on days 0 Cyclophosphamide 750 mg/m ² , i.v. on day 1 Doxorubicin 50 mg/m ² , i.v. on day 1 Vincristine 1.4 mg/m ² , i.v. on day 1 (Maximum 2mg) Prednisolone 100mg po daily on day1-5 Repeat cycle every 21 days	Lenz G, JCO 2005; 23:1984

Bladder cancer

Gemzar + Cisplatin	Cisplatin 70 mg/m ² on day 1 Gemcitabine 1000 mg/m ² on day 1, 8, 15 Repeat cycle every 28 day	Moore MJ, JCO 1999; 17:2876
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Esophageal cancer

<p>Weekly Cisplatin + 5FU + LV</p>	<p>Cisplatin 25-35 mg/m², days 1 5-FU 2,6000 mg/m² Leucovorin 300 mg/m² 24 hours continuous infusion</p>	
<p>Bi-weekly Cisplatin + 5FU + LV</p>	<p>Cisplatin 50 mg/m² days 1 5-FU 3000 mg/m² Leucovorin 150 mg/m² 46 hours continuous infusion</p>	
<p>Cisplatin + 5FU</p>	<p>Cisplatin 50-75 mg/m², days 1 5-FU 1,000 mg/m² day 1-4 Repeat cycle every 28 day</p>	<p>Cooper JS. JAMA 1999; 281:1623</p>
<p>Paclitaxel</p>	<p>Paclitaxel 80mg/m², on day 1, 8, 15, Repeat every 28 days</p>	

Gynecology

Weekly Cisplatin	Cisplatin 40 mg/m ² , weekly for a maximum of 6 doses. (CCRT)	Keys HM. N Engl J Med 1999; 340:1154-1161.
Paclitaxel + Carboplatin	Paclitaxel 175 mg/m ² , days 1 Carboplatin AUC: 5 day 1 Repeat every 21 days	