

亞東紀念醫院

HNSCC

化學治療處方集

2008-08 制定

最近修改日期：2014-05

# HNSCC 化學治療處方參考集

2008-08 制定 2014-05 最後修定

## 【TPF】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

### 1. For medically fit patients,

Docetaxel 75 mg/m<sup>2</sup> IV drip 1hrs, D1  
Cisplatin 75mg/m<sup>2</sup> IV drip 3hrs, D1  
5-FU 800 mg/m<sup>2</sup> IV drip 24hrs, D1-D4  
Repeated every 3 weeks

### 2. For medically unfit patients

Docetaxel 60 mg/m<sup>2</sup> IV drip 1hrs, D1  
Cisplatin 60 mg/m<sup>2</sup> IV drip 12hrs, D1  
5-FU 800 mg/m<sup>2</sup> IV drip 24hrs, D2-D4  
Repeated every 3 weeks

(\*Note: cisplatin is replaced by carboplatin at AUC=4 for those with impaired renal function)

## 【MPF】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

### 1. For medically fit patients

MTX 100mg/m<sup>2</sup> ivd 90mins, D1  
Cisplatin 75mg/m<sup>2</sup> ivd 12hrs, D1  
5-FU 800mg/m<sup>2</sup> ivd 24hrs, D2-D5  
Repeated every 3 weeks

### 2. For medically unfit patients

MTX 100mg/m<sup>2</sup> ivd 90mins, D1  
Cisplatin 60mg/m<sup>2</sup> ivd 12hrs, D1  
5-FU 800mg/m<sup>2</sup> ivd 12hrs, D2-D4  
Repeated every 3 weeks

(\*Note: cisplatin is replaced by carboplatin at AUC=4 for those with impaired renal function)

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## 【PF】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

### 1. For medically fit patients

Cisplatin 75 mg/m<sup>2</sup> IV drip 3hrs, D1  
5FU 800 mg/m<sup>2</sup> IV drip 24hrs, D1-D4  
Repeated every 3 weeks

### 2. For medically unfit patients

Cisplatin 60 mg/m<sup>2</sup> IV drip 12hrs, D1  
5FU 800 mg/m<sup>2</sup> IV drip 12hrs, D2-D4  
Repeated every 3 weeks

(\*Note: cisplatin is replaced by carboplatin at AUC=4 for those with impaired renal function)

## 【Cetuximab + PF】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Cetuximab 400 mg/m<sup>2</sup> ivd 2hrs (first dose), then 250 mg/m<sup>2</sup> ivd 2hrs weekly  
Cisplatin 75 mg/m<sup>2</sup> IV drip 3hrs, D1  
5FU 800 mg/m<sup>2</sup> IV drip 24hrs ,D1 – D4  
Repeated every 3 weeks

(\* Note 1: for medically unfit patients, dose adjustment of PF is the same as the above regimen “PF”)

(\*Note 2: cisplatin is replaced by carboplatin at AUC=4 for those with impaired renal function)

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## 【P-HDFL】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Cisplatin 35 mg/m<sup>2</sup> ivd 2hrs, D1, D8

Leucovorin 300 mg/m<sup>2</sup> ivd 60mins, D1, D8

5FU 2000mg/m<sup>2</sup> ivd 24hrs, D1, D8

Repeated every three weeks

(\*Note: cisplatin is replaced by carboplatin at AUC=2 for those with impaired renal function)

## 【Weekly HDFL】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Leucovorin 300 mg/m<sup>2</sup> ivd 60mins, D1 (weekly)

5FU 2000 mg/m<sup>2</sup> ivd 24hrs, D1 (weekly)

## 【Weekly methotrexate (MTX)】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

### 1. For medically fit patients :

MTX 100 mg/m<sup>2</sup> ivd 90mins; D1, D8, repeated every three weeks

### 2. For medically unfit patients :

MTX 40 mg/m<sup>2</sup> ivd 30mins, weekly

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## 【Ifosphamide-Etoposide(IE)】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Ifosphamide 2000 mg/m<sup>2</sup> ivd 8hrs, qd, D1-D3

Etoposide 80mg/m<sup>2</sup> ivd 2hrs, qd, D1-D3

Mesna 700mg/m<sup>2</sup> ivd q8h, D1-D3

Repeated every 3 weeks

## 【Paclitaxel – Cisplatin】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Paclitaxel 80 mg/m<sup>2</sup> ivd 1hrs, D1, D8

Cisplatin 35mg/m<sup>2</sup> ivd 2hrs, D1, D8

Repeated every 3 weeks

## 【weekly Paclitaxel】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Paclitaxel 80 mg/m<sup>2</sup> ivd 1hrs, D1, D8

Repeated every 3 weeks

OR (depending on patient's performance status)

Paclitaxel 80 mg/m<sup>2</sup> ivd 1hrs, D1, D8, D15

Repeated every 4 weeks

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## 【Weekly Cisplatin – CCRT】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Cisplatin 35mg/m<sup>2</sup> IV drip 2hrs, weekly

(For medically unfit patients, cisplatin dose is reduced to 30mg/m<sup>2</sup>)

## 【Weekly Carboplatin – CCRT】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Carboplatin (AUC=2) IV drip 1hrs, weekly

[final dose=(GFR+25)\*AUC]

## 【Weekly Cisplatin+MTX – CCRT】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

MTX 40 mg/m<sup>2</sup> IV drip 30mins, D1

Cisplatin 35 mg/m<sup>2</sup> IV drip 2hrs, D2

Repeated every week

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## 【Weekly PFL – CCRT】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

Cisplatin 35 mg/m<sup>2</sup> ivd 2hrs, D1

Leucovorin 50mg/m ivd 30mins, D1

5-FU 500mg/m<sup>2</sup> ivd 30mins, D1

Repeated every week

## 【Oral UFUR】

- 化療屬性：
- Induction / neoadjuvant
  - Concurrent chemoradiotherapy (CCRT)
  - Palliative

UFUR from 2# bid, 2#-3# bid to 3# bid po

(One tab of UFUR contains Tegafur 100mg and Uracil 224mg, dose calculated as Tegafur 300-350mg/m<sup>2</sup>/day, as 500~600mg/day)

### References :

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