

高雄榮民總醫院

肺癌（小細胞癌）診療原則

癌症中心 肺癌醫療團隊擬定

2025年第一版 2025年2月11日修訂

Reference: NCCN Clinical Practice Guideline in Oncology™, SCLC, V.4.2025

修訂指引

- 本共識依下列參考資料修改版本
 - NCCN Clinical Practice Guideline in Oncology™, NSCLC, **V4.2025**
 - **2024台灣肺癌藥物治療共識-V3-2024**

肺癌（非小細胞癌）診療原則

診療指引依據實證醫學資料訂定。

診療指引內容包含了與分期相關的主要檢查。

2025年第一版診療指引修訂內容增修部分以紅字標示。

會議討論(一)

上次會議：2024/02/27

本共識與上一版的差異

上一版	新版
<ol style="list-style-type: none">1. 無 (p. 9)2. 無 (p. 12)	<ol style="list-style-type: none">1. 新增 Durvalumab 後線抗腫瘤治療處方2. 新增 Tarlatamab 後線抗腫瘤治療處方

小細胞肺癌

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臨床診療指引

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診斷

初步評估

分期

經由支氣管鏡檢查，
或影像導引穿刺，
或表淺淋巴結抽吸
組織學證實

病史，理學檢查
CXR
CBC/DC, SMA
ECG
Chest CT scan
Whole body bone scan*
上腹部超音波
Bain CT/MR*
Unilateral marrow
aspiration cytology/Bx*
PET-CT*
Pathologic mediastinal
LN evaluation*
肺功能評估*

Limited stage #

Extensive stage #

* Optional

Limited stage : T any, N any, M0; except T3-4 due to multiple lung nodules

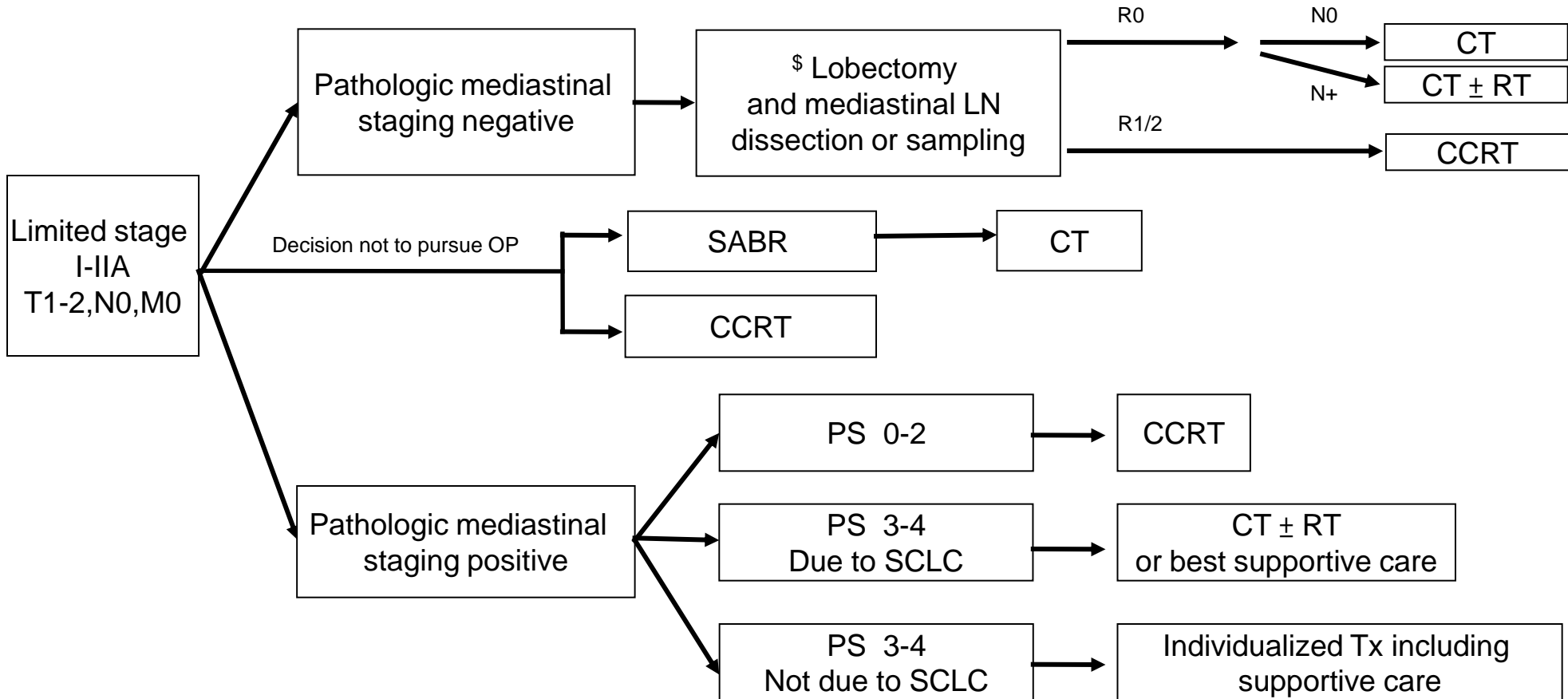
Extensive stage: T any, N any, M1a/b/c; T3-4 due to multiple lung nodules

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分期	再評估	結果	治療
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Limited stage : T any, N any, M0; except T3-4 due to multiple lung nodules

\$ Multidisciplinary evaluation is recommended before surgery.

小細胞肺癌

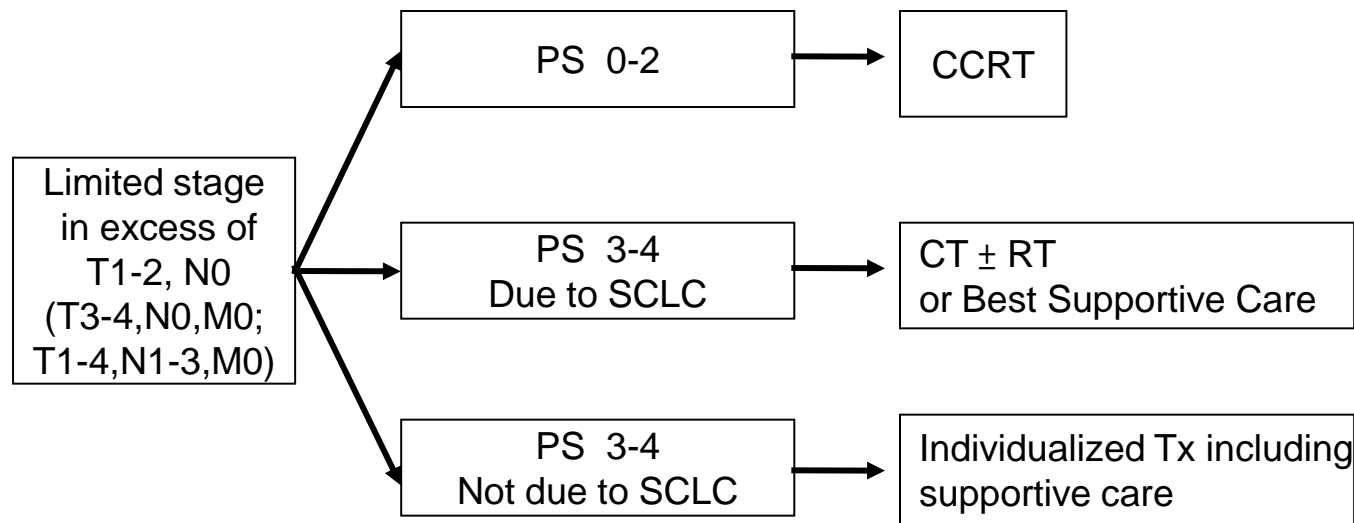
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分期

評估

治療



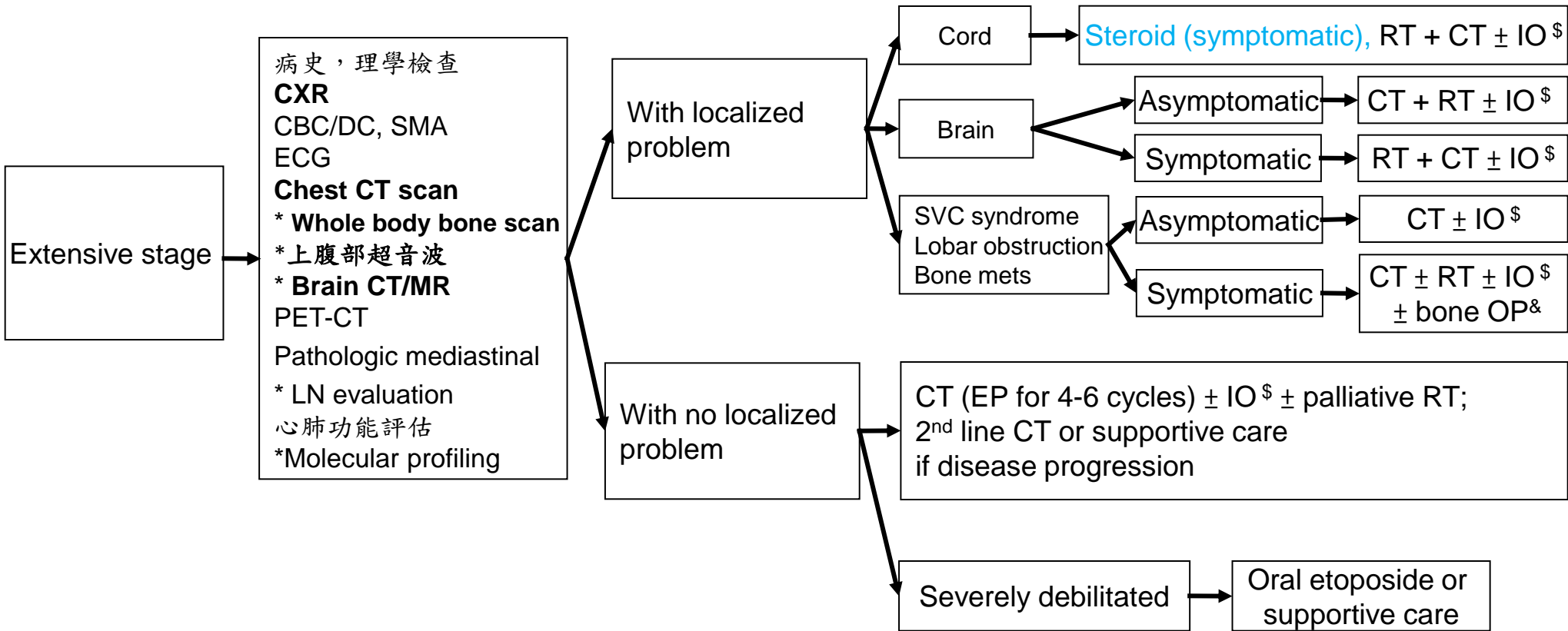
Limited stage : T any, N any, M0; except T3-4 due to multiple lung nodules

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診斷	初步評估	分期	進一步評估	初始治療
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* Optional

Extensive stage : T any, N any, M1a/b/c; T3-4 due to multiple lung nodules

\$ Atezolizumab or Durvalumab

& Bone OP: Orthopedic stabilization surgery if high risk of fracture

小細胞肺癌

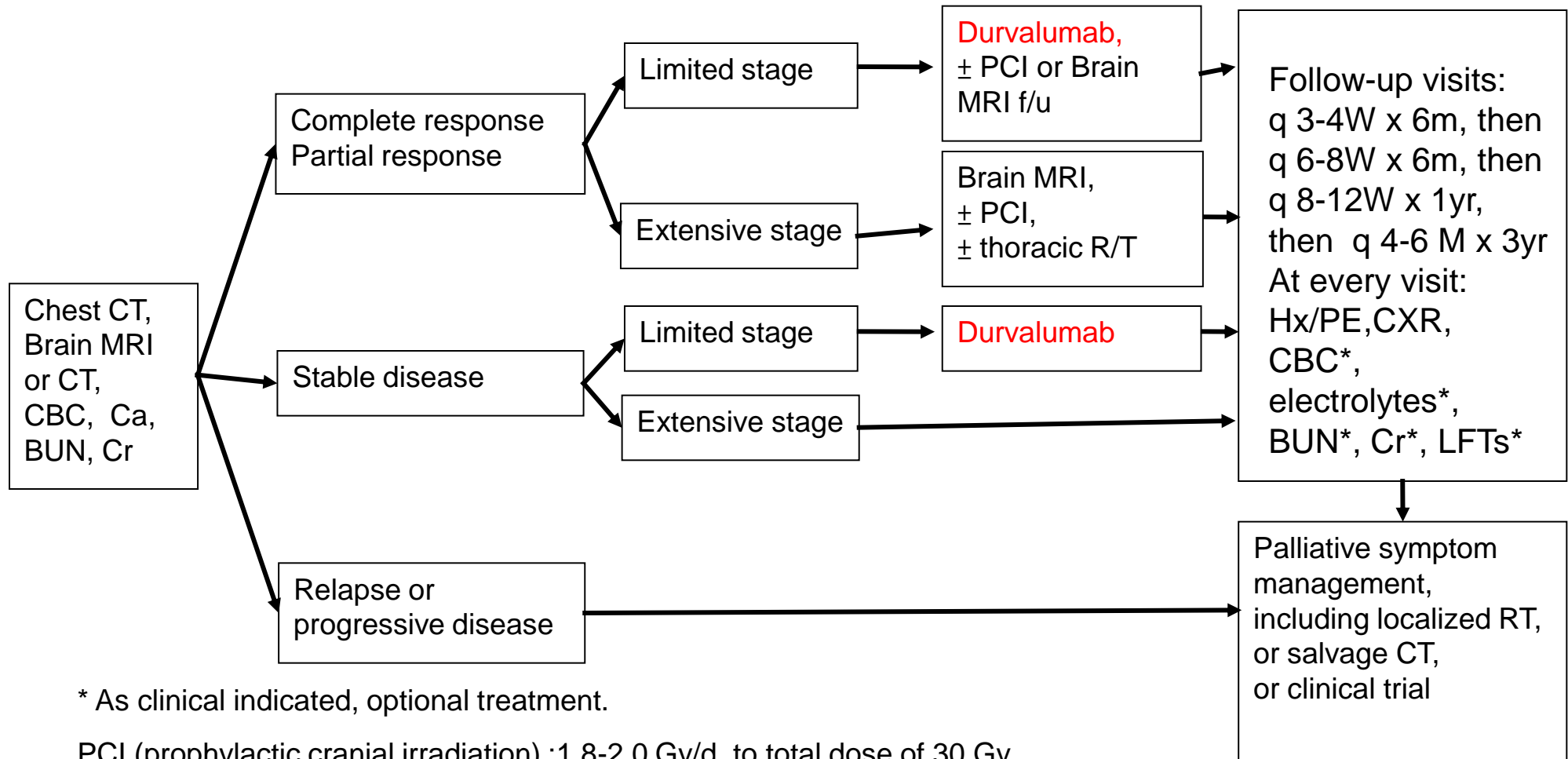
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初步治療後的反應評估

輔助治療

**SALVAGE /
PALLIATION**



* As clinical indicated, optional treatment.

PCI (prophylactic cranial irradiation) :1.8-2.0 Gy/d, to total dose of 30 Gy

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一線抗腫瘤治療處方

Published C/T Regimens	Schedule
Cisplatin 60-80 mg/m ² , IV, D1 Etoposide 60-80 mg/ m ² , IV, D1-3	Q21-28 d x 4-6 cycles
Cisplatin 60-80 mg/m ² , IV, D1 Irinotecan 60 mg/ m ² , IV, D1,8,15	Q21-28 d x 4-6 cycles
Cyclophosphamide 1000 mg/ m ² , IV, D1 Doxorubicin 45 mg/ m ² IV, D1 Vincristine 1.4 mg/ m ² , IV, D1(maximal 2 mg)	Q21-28 d x 4-6 cycles
Cisplatin 60-80 mg/m ² , IV, D1 Etoposide 60-80 mg/ m ² , IV, D1-3 Atezolizumab 1,200 mg IV,D1	Q21-28 d x 4 cycles Followed by maintenance atezolizumab q21-28d
Cisplatin 60-80 mg/m ² , IV, D1 Etoposide 60-80 mg/ m ² , IV, D1-3 Durvalumab 1,500 mg IV,D1	Q21-28 d x 4-6 cycles Followed by maintenance durvalumab q21-28d

若腎功能不佳，CCr < 60 ml/min，cisplatin 可以 carboplatin AUC 4-6 取代

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後線抗腫瘤治療處方(1)

Published C/T Regimens	Schedule
Topotecan 1.2 mg/m ² , IV, D1-3	Q21-28 d x 4-6 cycles
Topotecan 2.3 mg/m ² , PO, D1-3	Q21-28 d x 4-6 cycles
Etoposide 120-150 mg/m ² , PO, D1~5	Q21-28 d x 4-6 cycles
Cyclophosphamide 1000 mg/ m ² , IV, D1 Epirubicin 60-80 mg/ m ² IV, D1 Vincristine 1.4 mg/ m ² , IV, D1 (maximal 2 mg)	Q21-28 d x 4-6 cycles
Cisplatin 60-80 mg/m ² , IV, D1 Etoposide 60-80 mg/ m ² , IV, D1-3	Q21-28 d x 4-6 cycles
Paclitaxel 60 mg/m ² , IV, D1,8,15	Q21-28 d x 4-6 cycles
Docetaxel 30 mg/m ² , IV, D1,8,15	Q21-28 d x 4-6 cycles
Gemcitabine 900-1000 mg/m ² , IV, D1,8,15	Q21-28 d x 4-6 cycles
Vinorelbine 25 mg/ m ² IV, D1,8,15	Q21-28 d x 4-6 cycles
若腎功能不佳，CCr < 60 ml/min，cisplatin 可以 carboplatin AUC 4-6 取代 Vinorelbine 60 mg/m ² , PO, D1,8	Q21-28 d x 4-6 cycles

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後線抗腫瘤治療處方(2)

Published C/T Regimens	Schedule
Nivolumab 3mg/kg IV	Q2w
Pembrolizumab 2mg/kg IV or Pembrolizumab 200 mg IV	Q3w
Lurbinectedin 3.2 mg/m ² IV	Q3w
Tarlatamab	Step-up dosing schedule Cycle 1 Day 1: 1 mg; Day 8 and Day 15 (Q4w): 10 mg Cycle 2 and beyond: Day 1 and 15 (Q2w): 10 mg

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