

Regimen Monograph

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A - Regimen Name

CRBPETOP(PO) Regimen

CARBOplatin-Etoposide (oral)

Disease Site Lung - Non-Small Cell

Intent Palliative

Regimen Category **Evidence-informed :**

Regimen is considered appropriate as part of the standard care of patients; meaningfully improves outcomes (survival, quality of life), tolerability or costs compared to alternatives (recommended by the Disease Site Team and national consensus body e.g. pan-Canadian Oncology Drug Review, pCODR). Recommendation is based on an appropriately conducted phase III clinical trial relevant to the Canadian context OR (where phase III trials are not feasible) an appropriately sized phase II trial. Regimens where one or more drugs are not approved by Health Canada for any indication will be identified under Rationale and Use.

This **Regimen Abstract** is an **abbreviated** version of a Regimen Monograph and contains only top level information on usage, dosing, schedule, cycle length and special notes (if available). Information in regimen abstracts is accurate to the extent of the ST-QBP regimen master listings, and has not undergone the full review process of a regimen monograph. Full regimen monographs will be published for each ST-QBP regimen as they are developed.

Supplementary Public Funding [etoposide](#)
ODB - General Benefit (etoposide - oral capsules)

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B - Drug Regimen

CARBOplatin	AUC 5	IV	Day 1
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Adjust Carboplatin dose to AUC target (using Calvert formula) as outlined in "Other Notes" section.

etoposide	200 mg /m ²	PO	Days 1 to 3
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Alternative schedule for etoposide:

etoposide	100 mg /m ²	IV	Day 1
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followed by:

etoposide	200 mg /m ²	PO	Days 2 to 3
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C - Cycle Frequency

REPEAT EVERY 21 DAYS

For a usual total of 4 to 6 cycles unless disease progression or unacceptable toxicity occurs

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D - Premedication and Supportive Measures

Antiemetic Regimen: Moderate + NK1 antagonist (Carboplatin AUC \geq 5)

Other Supportive Care:

Also refer to [CCO Antiemetic Recommendations](#).

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J - Administrative Information

Approximate Patient Visit	1 to 1.5 hours
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Pharmacy Workload (average time per visit) 28.262 minutes

Nursing Workload (average time per visit) 49.167 minutes

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K - References

Belani CP, Lee JS, Socinski MA, et al. Randomized phase III trial comparing cisplatin-etoposide to carboplatin-paclitaxel in advanced or metastatic non-small cell lung cancer. *Ann Oncol.* 2005;16(7):1069-75.

Bonomi P, Kim KM, Fairclough D et al. Comparison of survival and quality of life in advanced non-small cell lung cancer patients treated with two dose levels of paclitaxel combined with cisplatin versus etoposide with cisplatin: results of an Eastern Cooperative Oncology Group trial. *J Clin Oncol* 2000; 18: 623–631.

Klastersky J, Sculier JP, Dabouis G, et al. A randomized trial of two platinum combinations in patients with advanced non-small cell lung cancer: a preliminary report. *European Organization for the Research and Treatment of Cancer--Lung Cancer Working Party. Semin Oncol.* 1990 Feb;17(1 Suppl 2):20-4.

June 2019 Updated emetic risk category

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L - Other Notes

Calvert Formula

DOSE (mg) = target AUC X (GFR + 25)

- AUC = product of serum concentration (mg/mL) and time (min)
- GFR (glomerular filtration rate) expressed as measured Creatinine Clearance or estimated from Serum Creatinine (by Cockcroft and Gault method or Jelliffe method)

(Calvert AH, Newell DR, Gumbrell LA, et al, Carboplatin dosage: Prospective evaluation of a simple formula based on renal function. *J Clin Oncol*, 1989; 7: 1748-1756)

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M - Disclaimer

Regimen Abstracts

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Information in regimen abstracts is accurate to the extent of the ST-QBP regimen master listings, and has not undergone the full review process of a regimen monograph. Full regimen monographs will be published for each ST-QBP regimen as they are developed.

Regimen Monographs

Refer to the [New Drug Funding Program](#) or [Ontario Public Drug Programs](#) websites for the most up-to-date public funding information.

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