

Regimen Monograph

[Regimen Name](#) | [Drug Regimen](#) | [Cycle Frequency](#) | [Administrative Information](#) | [References](#) | [Other Notes](#) | [Disclaimer](#)

A - Regimen Name

CRBP(RT) Regimen

CARBOplatin

Disease Site Skin - Squamous 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.

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B - Drug Regimen

[CARBOplatin](#)

AUC 1.5

IV

Weekly with
radiotherapy[back to top](#)

C - Cycle Frequency

REPEAT WEEKLY

For the duration of radiotherapy

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J - Administrative Information

Approximate Patient Visit	0.5-1 hour
Pharmacy Workload (average time per visit)	22.220 minutes
Nursing Workload (average time per visit)	44.167 minutes

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K - References

Chitapanarux I, Lorvidhaya V, Kamnerdsupaphon P, et al. Chemoradiation comparing cisplatin versus carboplatin in locally advanced nasopharyngeal cancer: randomised, non-inferiority, open trial. *Eur J Cancer* 2007;43(9):1399-406.

Homma A, Inamura N, Oridate N, et al. Concomitant weekly cisplatin and radiotherapy for head and neck cancer. *Jpn J Clin Oncol* 2011;41(8):980-6.

Posner MR, Hershock DM, Blajman CR, et al. Cisplatin and Fluorouracil Alone or with Docetaxel in Head and Neck Cancer. *N Engl J Med* 2007; 357: 1705-15.

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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

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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