Regimen Monograph

Regimen Name | Drug Regimen | Cycle Frequency | Premedication and Supportive Measures | Administrative Information | References | Other Notes | Disclaimer

A - Regimen Name

DOX/DCTNVCR-CYCETOVCR Regimen

DOXOrubicin-VinCRIStine Alternating with Dactinomycin-VinCRIStine, Followed by Cyclophosphamide-Etoposide-VinCRIStine

Disease Site Sarcoma - Wilm's Tumour

Intent Adjuvant
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.

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B - Drug Regimen

Weeks 1 to 6:

vinCRIStine	1.5 mg /m²	IV (maximum 2 mg)	Day 1; Weeks 1 to 6
DACTINomycin	0.045 mg /kg	IV (maximum 2.3 mg)	Day 1 of Week 1 ONLY
DOXOrubicin	45 mg /m²	IV	Day 1 of Week 4 ONLY

Weeks 7 to 12:

cyclophosphamide	440 mg /m²	IV	Days 1 to 5; WEEKS 7, 10
etoposide	100 mg /m²	IV	Days 1 to 5; WEEKS 7, 10
vinCRIStine	1.5 mg /m²	IV (maximum 2 mg)	Day 1; WEEKS 8, 9, 11, 12

Weeks 13, 16, 22, 28, and 31:

vinCRIStine	2 mg	IV (maximum 2 mg)	Day 1; WEEKS 13, 16, 22, 28, 31
DACTINomycin	0.02 mg /kg	IV (maximum 2.3 mg)	Day 1; WEEKS 13, 16, 22, 28, 31
DOXOrubicin	30 mg /m²	IV	Day 1; WEEKS 13, 16, 22, 28, 31

Weeks 19 and 25:

cyclophosphamide	440 mg /m²	IV	Days 1 to 5; WEEKS 19, 25
etoposide	100 mg /m²	IV	Days 1 to 5; WEEKS 19, 25

Adults may be less likely to tolerate weekly vincristine.

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C - Cycle Frequency

SINGLE COURSE

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D - Premedication and Supportive Measures

Antiemetic Regimen: High (Wk 1, 4, 13, 16, 22, 28, 31)
Moderate (Wk 7, 10, 19, 25)
Minimal (Wk 2, 3, 5, 6, 8, 9, 11, 12)

Other Supportive Care:

Also refer to CCO Antiemetic Recommendations.

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K - References

Children's Oncology Group: AREN0533. Treatment of Newly Diagnosed higher risk favorable histology Wilm's Tumors. A group-wide phase 3 study.
https://clinicaltrials.gov/ct2/show/NCT00379340

May 2019 Updated emetic risk category

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M - Disclaimer

Regimen Abstracts

A 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). It is intended for healthcare providers and is to be used for informational purposes only. It is not intended to constitute or be a substitute for medical advice, and all uses of the Regimen Abstract are subject to clinical judgment. Such information is provided on an "as-is" basis, without any representation, warranty, or condition, whether express, or implied, statutory or otherwise, as to the information's quality, accuracy, currency, completeness, or reliability, and Cancer Care Ontario disclaims all liability for the use of this information, and for any claims, actions, demands or suits that arise from such use.

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Regimen Monographs

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

The information set out in the drug monographs, regimen monographs, appendices and symptom management information (for health professionals) contained in the Drug Formulary (the "Formulary") is intended for healthcare providers and is to be used for informational purposes only. The information is not intended to cover all possible uses, directions, precautions, drug interactions or adverse effects of a particular drug, nor should it be construed to indicate that use of a particular drug is safe, appropriate or effective for a given condition. The information in the Formulary is not intended to constitute or be a substitute for medical advice and should not be relied upon in any such regard. All uses of the Formulary are subject to clinical judgment and actual prescribing patterns may not follow the information provided in the Formulary.

The format and content of the drug monographs, regimen monographs, appendices and symptom management information contained in the Formulary will change as they are reviewed and revised on a periodic basis. The date of last revision will be visible on each page of the monograph and regimen. Since standards of usage are constantly evolving, it is advised that the Formulary not be used as the sole source of information. It is strongly recommended that original references or product monograph be consulted prior to using a chemotherapy regimen for the first time.

Some Formulary documents, such as the medication information sheets, regimen information sheets and symptom management information (for patients), are intended for patients. Patients should always consult with their healthcare provider if they have questions regarding any information set out in the Formulary documents.

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