

## Regimen Monograph

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## A - Regimen Name

## DOXO(RT-W) Regimen

DOXOrubicin (low-dose, with radiotherapy)

**Disease Site** Endocrine  
Thyroid

**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.

**Rationale and Uses** Treatment of anaplastic thyroid cancer in combination with radiotherapy

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**B - Drug Regimen**[DOXOrubicin](#)20 mg /m<sup>2</sup>

IV

Day 1

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During radiotherapy, unless disease progression or unacceptable toxicity occurs

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

**Screen for hepatitis B virus in all cancer patients starting systemic treatment.** Refer to the [hepatitis B virus screening and management](#) guideline.

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Approximate Patient Visit	0.5 hours
Pharmacy Workload (average time per visit)	16.415 minutes
Nursing Workload (average time per visit)	41.667 minutes

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Bible KC, Kebebew E, Brierley J, et al. 2021 American Thyroid Association guidelines for management of patients with anaplastic thyroid cancer. *Thyroid* 2021;31(3):337-386.

Fan D, Ma J, Bell AC, Groen AH, et al. Outcomes of multimodal therapy in a large series of patients

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with anaplastic thyroid cancer. *Cancer*. 2020 Jan 15;126(2):444-452. doi: 10.1002/cncr.32548.

NCCN Clinical Practice Guidelines in Oncology (NCCN Guidelines®); Thyroid Carcinoma Version 2.2022.

Tennvall J, Tallroth E, el Hassan A, et al. Anaplastic thyroid carcinoma. Doxorubicin, hyperfractionated radiotherapy and surgery. *Acta Oncol* 1990;29(8):1025-8. doi: 10.3109/02841869009091794.

**April 2023** new ST-QBP regimen

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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.*

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