

BC Cancer Protocol Summary for DOXOrubicin for Use in Patients with Advanced Endometrial Cancer

Protocol Code

GOENDD

Tumour Group

Gynecologic Oncology

Contact Physician

GO Systemic Therapy

ELIGIBILITY:

- Patients with an advanced epithelial endometrial cancer, MMMT, or carcinosarcoma
- Good performance status

EXCLUSIONS:

- Poor bone marrow reserve, renal dysfunction, hepatic dysfunction (bilirubin greater than 2xULN)

TESTS:

- Baseline and before each treatment: CBC & Diff, total bilirubin, ALT, alkaline phosphatase
- If clinically indicated, at baseline and during treatment: creatinine, sodium, potassium, CA 19-9, CA125, CA 15-3, CEA

PREMEDICATIONS:

- Antiemetic protocol for High/Moderate emetogenic chemotherapy (see protocol SCNAUSEA)

TREATMENT:

Drug	Dose	BC Cancer Administration Guideline
DOXOrubicin	75 mg/m ²	IV push

- For patients greater than 65 years old, consider reducing dose to 60 mg/m²
- Repeat every 21 days x 6 cycles

DOSE MODIFICATIONS:

1. Hematological:

ANC (x 10 ⁹ /L)		Platelets (x 10 ⁹ /L)	Dose
Greater than 1.5	and	Greater than 100	100 %
1 to 1.5	or	70 to 100	80 %
Less than 1	or	Less than 70	Delay one week

- Mucositis:** Grade 3 or 4, reduce dose to 80%
- Nausea & Vomiting:** Grade 4 despite optimal use of antiemetics, reduce dose to 80% or QUIT
- Neutropenic Fever** (with ANC less than 0.5 x 10⁹/L): Once counts have recovered, reduce dose to 80%
- Hepatic Dysfunction:** For bilirubin 1.5 to 2 times ULN, reduce dose to 50%

PRECAUTIONS:

- Cardiac Toxicity:** DOXOrubicin is cardiotoxic and must be used with caution in patients with severe hypertension or cardiac dysfunction. Cardiac assessment is recommended if lifelong dose of 450 mg/m² is exceeded (see BCCA Cancer Drug Manual).
- Extravasation:** DOXOrubicin causes pain and tissue necrosis if extravasated. Refer to BCCA Extravasation Guidelines.
- Neutropenia:** Fever or other evidence of infection must be assessed promptly and treated aggressively.

Contact the GO Systemic Therapy physician at your regional cancer centre or GO Systemic Therapy Chair with any problems or questions regarding this treatment program.