

Regimen Reference Order – CLL – bendamustine

ARIA: CLL – [bendamustine]

Planned Course: Every 28 days for 6 cycles

Indication for Use: Chronic Lymphocytic Leukemia

CVAD: At Provider's Discretion

Proceed with treatment if:

Cycle 1

- **Proceed with treatment regardless of CBC**

Cycle 2 and Onwards

- **ANC equal to or greater than $1 \times 10^9/L$ AND Platelets equal to or greater than $50 \times 10^9/L$**
 - ❖ **Contact Hematologist if parameters not met**

Note: Hepatitis B serology results must be reviewed in accordance with CCMB Policy Hepatitis B Monitoring for Oncology and Hematology Patients

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
allopurinol	300 mg	Orally once daily for 10 days to begin 3 days prior to Cycle 1 and at provider's discretion for subsequent cycles (Self-administered at home) Only patients at risk of tumor lysis syndrome will be prescribed allopurinol

Treatment Regimen – CLL – bendamustine

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
Days 1 and 2		
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
bendamustine	100 mg/m ²	IV in normal saline 500 mL over 1 hour
normal saline	100 mL	IV over 12 minutes

In the event of an infusion-related hypersensitivity reaction, refer to the 'Hypersensitivity Reaction Standing Order'

REQUIRED MONITORING

Hepatitis B serology

- Hepatitis B surface antigen and Hepatitis B core antibody (drawn within preceding 5 years)

Day 1

- CBC, serum creatinine, urea, electrolytes, liver enzymes, total bilirubin, uric acid and albumin as per Physician Orders

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
dexamethasone	8 mg	Orally once daily on Days 3 and 4
valACYclovir	500 mg	Orally once daily
metoclopramide	10 – 20 mg	Orally every 4 hours as needed for nausea and vomiting

DISCHARGE INSTRUCTIONS

- Patients should be instructed to contact their cancer team immediately if symptoms of hypersensitivity reactions occur after discharge
- Instruct patient to continue taking anti-emetic(s) at home
- valACYclovir is prescribed for herpes zoster (shingles) prophylaxis. Remind patient to take valACYclovir at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- Due to the risk of reactivation of Hepatitis B virus (HBV) while on this treatment regimen, prescriber must adhere to CCMB Policy **Hepatitis B Monitoring for Oncology and Hematology Patients** for ordering and interpreting HBV serology and prescribing antiviral prophylaxis
- valACYclovir continues while on treatment and for 6 months after discontinuation of treatment