

Regimen Reference Order – MYEL – bortezomib (maintenance)

ARIA: MYEL – [bortezomib (maintenance)]

Planned Course: Every 14 days for 2 years (1 cycle = 84 days)

Indication for Use: Multiple Myeloma

CVAD: At Provider's Discretion

Proceed with treatment if:

ANC equal to or greater than $0.5 \times 10^9/L$ AND Platelets equal to or greater than $30 \times 10^9/L$

❖ Contact Hematologist if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not applicable		

Treatment Regimen – MYEL – bortezomib (maintenance)

Drug	Dose	CCMB Administration Guideline
Cycles 1 to 8		
bortezomib	1.3 mg/m ²	Subcutaneous once every 2 weeks on Days 1, 15, 29, 43, 57 and 71
Cycle 9		
bortezomib	1.3 mg/m ²	Subcutaneous once every 2 weeks on Days 1, 15, 29 and 43

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

REQUIRED MONITORING

Cycles 1 to 8

Days 1, 29 and 57

- CBC, reticulocyte count, serum creatinine, calcium, albumin, random glucose and liver enzymes as per Physician Orders
- Serum Protein Electrophoresis (SPEP)/Free Light Chain Ratio (FLCH) (response assessment)

Cycle 9

Days 1 and 29

- CBC, reticulocyte count, serum creatinine, calcium, albumin, random glucose and liver enzymes as per Physician Orders
- Serum Protein Electrophoresis (SPEP)/Free Light Chain Ratio (FLCH) (response assessment)

Recommended Support Medications

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

DISCHARGE INSTRUCTIONS

- Instruct patient to continue taking anti-emetic(s) at home
- Remind patient to take valACYclovir (shingles prophylaxis) at home. valACYclovir treatment continues for 4 weeks after the last dose of bortezomib
- bortezomib has potential for drug-drug interactions. Patients should notify clinic prior to starting any new medication
- Advise patient to avoid green tea to prevent interactions with bortezomib
- Avoid grapefruit and grapefruit juice, Seville oranges (i.e. orange marmalade) and starfruit
- Reinforce safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

ADDITIONAL INFORMATION

- All patients should be considered for bisphosphonate therapy
- bortezomib may cause peripheral neuropathy; dose modification may be required