

Regimen Reference Order

MYEL – bortezomib + dexamethasone (Days 1, 4, 8 and 11)

ARIA: MYEL – [bortezomib + dex (D1,4,8,11)]

Planned Course: Every 21 days for 8 cycles

Indication for Use: Multiple Myeloma

CVAD: At Provider's Discretion

Proceed with treatment if:

ANC equal to or greater than $0.75 \times 10^9/L$ AND Platelets equal to or greater than $25 \times 10^9/L$

❖ Contact Hematologist if parameters not met

SEQUENCE OF MEDICATION ADMINISTRATION

Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not applicable		

Treatment Regimen – MYEL – bortezomib + dexamethasone (Days 1, 4, 8 and 11)

Drug	Dose	CCMB Administration Guideline
bortezomib	1.3 mg/m ²	Subcutaneous once on Days 1, 4, 8 and 11
dexamethasone	40 mg	Orally once daily in the morning on Days 1 to 4 and Days 9 to 12 Take with food (Self-administered at home)

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

REQUIRED MONITORING

All Cycles

Day 1

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

Days 4, 8 and 11

- No blood work required

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
 - dexamethasone is a cancer therapy in this treatment regimen. Instruct patient to take dexamethasone in the morning on Days 1 to 4 and Days 9 to 12
 - 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
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ADDITIONAL INFORMATION

- Consideration may be given to reducing dexamethasone dose at the physician's discretion to 20 mg for patients older than 75 years or for patients with a body mass index of less than 18.5 kg/m²
- All patients should be considered for bisphosphonate therapy
- bortezomib doses must be at least 72 hours apart
- bortezomib may cause peripheral neuropathy; dose modification may be required