

## Regimen Reference Order – LEUK – azaCITIDine (AML)

ARIA: LEUK – [azaCITIDine (AML)]

**Planned Course:** Until disease progression or unacceptable toxicity (1 cycle = 28 days)

**Indication for Use:** Acute Myeloid Leukemia

**CVAD:** Not Required

**Proceed with treatment if:**

**Cycles 1 to 4**

- Proceed with treatment regardless of ANC and platelet value if the patient is feeling well (no signs or symptoms of infection)

**Cycle 5 and Onwards**

- ANC equal to or greater than  $0.5 \times 10^9/L$  AND Platelets equal to or greater than  $50 \times 10^9/L$
- ❖ Consult Hematologist if parameters not met

### SEQUENCE OF MEDICATION ADMINISTRATION

#### Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

#### Treatment Regimen – LEUK – azaCITIDine (AML)

Drug	Dose	CCMB Administration Guideline
<b>Days 1 to 7</b>		
ondansetron	8 mg	Orally 30 minutes before each dose of azaCITIDine
azaCITIDine	75 mg/m <sup>2</sup>	Subcutaneous into abdomen * <b>Alert:</b> Maximum volume at each injection site is 4 mL * <b>Nursing Alert:</b> Air sandwich technique is recommended for administration
All doses will be automatically rounded that fall within the DSG Approved Dose Bands. See LEUK DSG – Dose Banding document for more information		

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

### REQUIRED MONITORING

Prior to each Cycle

- CBC, serum creatinine, urea, electrolytes and liver enzymes as per Physician Orders

Recommended Support Medications		
Drug	Dose	CCMB Administration Guideline
None required		

**DISCHARGE INSTRUCTIONS**

- Instruct patient to report to clinic if they are experiencing injection site reactions that are bothersome
- Reinforce safe handling precautions of medications, blood and bodyfluids for 48 hours after completion of azaCITIDine

**ADDITIONAL INFORMATION**

- Due to limited room temperature stability, azaCITIDine MUST be stored in fridge until immediately prior to administration. DO NOT store at room temperature unless otherwise indicated by pharmacy
- All 7 doses of azaCITIDine must be administered within a 10-day period if not given consecutively