

Regimen Reference Order – THOR – ceritinib

ARIA: [LUNG – ceritinib]

Planned Course: Once daily until disease progression or unacceptable toxicity (1 cycle = 30 days)
Indication for Use: Non-Small Cell Lung Cancer Anaplastic Lymphoma Kinase (ALK) – Positive
 Locally Advanced or Metastatic

Proceed with treatment if:

- **ANC equal to or greater than $1.0 \times 10^9/L$ AND Platelets equal to or greater than $75 \times 10^9/L$**
- **AST or ALT less than 5 times upper limit of normal**
- **Total Bilirubin less than 2 times upper limit of normal**
- ❖ **Contact Physician if parameters not met**

SEQUENCE OF MEDICATION ADMINISTRATION

Treatment Regimen – THOR - ceritinib

Drug	Dose	CCMB Administration Guideline
ceritinib	750 mg	Orally once daily Take on an empty stomach
ceritinib (Zykadia®) available dosage strength: 150 mg capsule Classification: Cytotoxic, Hazardous		

REQUIRED MONITORING

- CBC and liver function test at baseline, 2 weeks, 4 weeks, 8 weeks and every 3 months thereafter as per physician orders
- Creatinine, BUN, random glucose, electrolytes each cycle as per physician order
- EKG at baseline and repeat in 1 month, and as clinically indicated
- Heart rate and blood pressure each clinic visit

Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
metoclopramide	10 – 20 mg	Orally every 4 – 6 hours as needed for nausea and vomiting

INSTRUCTIONS FOR PATIENTS

- Inform patient that any new/worsening cough or shortness of breath must be reported and assessed urgently by the Oncologist/FPO because of risk of pneumonitis
- Inform patient to report diarrhea and start appropriate supportive care early (e.g. loperamide)
- ceritinib has potential for drug-drug interactions. Patients should notify clinic prior to starting any new medication
- Avoid grapefruit or grapefruit juice
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of ceritinib

ADDITIONAL INFORMATION

- ceritinib can increase blood glucose levels
- ceritinib can prolong QT interval
- ceritinib will be dispensed by CancerCare Manitoba Pharmacy