

## Regimen Reference Order – GYNE – CISplatin + etoposide

ARIA: GYNE – [CIS + etoposide (daily for 5 days)]

Planned Course: Every 21 days for 3 to 4 cycles

Indication for Use: Germ Cell Tumor of Ovary; Curative

CVAD: At Provider's Discretion

### Proceed with treatment if:

#### Cycle 1

- Proceed regardless of ANC and platelet value
- Creatinine clearance greater than 45 mL/minute

#### Cycle 2 and onwards

- ANC equal to or greater than  $1 \times 10^9/L$  AND Platelets equal to or greater than  $75 \times 10^9/L$
- Creatinine clearance greater than 45 mL/minute
  - ❖ Contact Gyne-Oncologist if parameters not met. Do not delay or cancel therapy without consulting Gyne-Oncologist on call

## SEQUENCE OF MEDICATION ADMINISTRATION

### Pre-treatment Requirements

Drug	Dose	CCMB Administration Guideline
Not Applicable		

### Treatment Regimen – GYNE – CISplatin + etoposide

Establish primary solution 500 mL of: normal saline

Drug	Dose	CCMB Administration Guideline
<b>Day 1</b>		
aprepitant	125 mg	Orally 1 hour pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
OLANzapine	2.5 mg	Orally 30 minutes pre-chemotherapy
CISplatin	20 mg/m <sup>2</sup>	IV in normal saline 250 mL over 1 hour
etoposide	100 mg/m <sup>2</sup>	IV in normal saline 500 mL over 1 hour Use non-DEHP bags and non-DEHP administration sets

Days 2 to 5		
aprepitant	80 mg	Orally 1 hour pre-chemotherapy
ondansetron	16 mg	Orally 30 minutes pre-chemotherapy
dexamethasone	12 mg	Orally 30 minutes pre-chemotherapy
OLANzapine	2.5 mg	Orally 30 minutes pre-chemotherapy
CISplatin	20 mg/m <sup>2</sup>	IV in normal saline 250 mL over 1 hour
etoposide	100 mg/m <sup>2</sup>	IV in normal saline 500 mL over 1 hour <i>Use non-DEHP bags and non-DEHP administration sets</i>

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

## REQUIRED MONITORING

All Cycles

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

## Recommended Support Medications

Drug	Dose	CCMB Administration Guideline
aprepitant	80 mg	Orally once daily on Days 6 and 7
dexamethasone	8 mg	Orally once daily on Days 6 and 7
OLANzapine	2.5 mg	Orally the evening of Days 1, 2, 3, 4 and 5 then twice daily on Days 6 and 7. Also use OLANzapine 2.5 to 5 mg AS NEEDED for breakthrough nausea and vomiting (including Days 1 to 7) up to a maximum of 10 mg per day. Contact clinic if nausea/vomiting is not adequately controlled

## DISCHARGE INSTRUCTIONS

- Instruct patient to continue taking anti-emetic(s) at home
- Maintain oral intake of 2000 mL (8 glasses) of fluid daily at home
- Reinforce applicable safe handling precautions of medications, blood and body fluids for 48 hours after completion of chemotherapy

## ADDITIONAL INFORMATION

- CISplatin is ototoxic and nephrotoxic
- CISplatin can cause hypomagnesemia