

## Regimen Reference Order

### GENU - CISplatin with Radiation

ARIA: GENU – [CISplatin + RT]

Planned Course: Weekly for 6 weeks with concurrent radiation

Indication for Use: Urothelial Carcinoma

CVAD: At Provider's Discretion

**Proceed with treatment if:**

- ANC equal to or greater than  $1.5 \times 10^9/L$  AND Platelets equal to or greater than  $100 \times 10^9/L$
- Creatinine clearance greater than 50 mL/min
- ❖ Contact Physician if parameters not met

#### SEQUENCE OF MEDICATION ADMINISTRATION

##### Pre-treatment Requirements

| Drug           | Dose | CCMB Administration Guideline |
|----------------|------|-------------------------------|
| Not Applicable |      |                               |

##### Treatment Regimen – GENU - CISplatin with Radiation

Establish primary solution 500 mL of: normal saline

| Drug                             | Dose                 | CCMB Administration Guideline                          |
|----------------------------------|----------------------|--|
| <b>Days 1, 8, 15, 22, 29, 36</b> |                      |  |
| magnesium                        | 1 g                  | IV in normal saline 500 mL over 1 hour (Pre hydration) |
| aprepitant                       | 125 mg               | Orally 1 hour pre-chemotherapy                         |
| dexamethasone                    | 12 mg                | Orally 30 minutes pre-chemotherapy                     |
| ondansetron                      | 16 mg                | Orally 30 minutes pre-chemotherapy                     |
| OLANzapine                       | 2.5 mg               | Orally 30 minutes pre-chemotherapy                     |
| CISplatin                        | 40 mg/m <sup>2</sup> | IV in normal saline 250 mL over 1 hour                 |

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

## REQUIRED MONITORING

### Weekly

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

### Recommended Support Medications

| Drug          | Dose   | CCMB Administration Guideline   |
|---------------|--------|---|
| aprepitant    | 80 mg  | Orally once daily on Days 2, 3, 9, 10, 16, 17, 23, 24, 30, 31, 37, 38   |
| dexamethasone | 8 mg   | Orally once daily on Days 2, 3, 4, 9, 10, 11, 16, 17, 18, 23, 24, 25, 30, 31, 32, 37, 38 and 39   |
| OLANzapine    | 2.5 mg | Orally the evening of Days 1, 8, 15, 22, 29 and 36 and then twice daily on Days 2, 3, 4, 9, 10, 11, 16, 17, 18, 23, 24, 25, 30, 31, 32, 37, 38 and 39. Also use OLANzapine 2.5 to 5 mg AS NEEDED for breakthrough nausea and vomiting (including Days 1 to 4, 8 to 11, 15 to 18, 22 to 25, 29 to 32 and 36-39) 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
- 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
- If CISplatin needs to be held, radiation may continue
- Creatinine clearance is determined by using patient's actual body weight
- **Patients should be booked in the treatment room in the morning and must complete their chemotherapy treatment 2 hours prior to radiation treatment.**