

## CARBOPLATIN

### INDICATION (ICD10) C71, C72

1. Third-line treatment of fit patients with relapsed high grade glioma. PS 0, 1, 2

### REGIMEN

Day 1 CARBOPLATIN AUC 6 in 500ml glucose 5% IV infusion over 30 minutes.

Dose calculated by EDTA GFR or calculated  $(CrCl + 25) \times AUC$ .

Maximum dose when using  $CrCl 125 + 25 \times AUC$

### CYCLE FREQUENCY AND NUMBER OF CYCLES

Every 28 days for 3 to 6 cycles

### ANTI-EMETICS

Moderate risk day 1

### CONCURRENT MEDICATION REQUIRED

Carboplatin	Anaphylaxis treatment should be prescribed if the patient has had an anaphylactic episode previously. Dexamethasone 20mg IV bolus Chlorphenamine 10mg IV bolus H <sub>2</sub> antagonist Carboplatin should be given at a slower rate e.g. 2-4 hours.
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### EXTRAVASATION AND TYPE OF LINE / FILTERS

Carboplatin - irritant

Filter not required

Peripheral or central line

### INVESTIGATIONS

Blood results required before SACT administration

FBC, U&E and LFTs every cycle

Neutrophils  $\times 10^9/L \geq 1.5$

Platelets  $\times 10^9/L \geq 100$

GFR assessed using EDTA result or calculated creatinine clearance at the Consultant's discretion.

Patients with hydronephrosis or serum creatinine  $\geq 100$ micromol/L need a serum creatinine checked every cycle.

Baseline weight and every cycle

### MAIN TOXICITIES AND ADVERSE REACTIONS

Carboplatin	Ototoxicity – monitor Neurotoxicity - monitor
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### DOSE MODIFICATIONS

GFR / calculated $CrCl \leq 20$ ml/min or $\leq 30$ ml/min with pre-existing severe renal impairment	contraindicated
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### REFERENCES