

CARBOPLATIN

For adjuvant use in seminoma

Drug / Dosage:	Carboplatin AUC 7 (see Comments)	IV	Day 1
Administration:	infused in 250 ml 5% glucose over 30 – 60 minutes		
Frequency:	1 cycle – Adjuvant, Stage 1		
Main Toxicities:	myelosuppression;	infertility;	alopecia (uncommon)
Anti-emetics:	highly emetogenic		
Regular Investigations:	EDTA	Prior to 1 st cycle	
	FBC	Day 1 and Day 15	
	U&Es	Day 1	
	LFTs	Day 1	
	AFP	Day 1	
	BHCG	Day 1	
	LDH	Day 1	
Comments:	The Calvert formula is used to calculate carboplatin dose: Dose = Target AUC x (GFR + 25)		
	GFR should be measured using EDTA.		
	Do not “cap” the EDTA result.		
	Do not use Cockcroft and Gault formula to calculate creatinine clearance.		

Dose Modifications

Haematological Toxicity:	Day 1:	WBC $\geq 3.0 \times 10^9/l$ and Neutrophils $\geq 1.5 \times 10^9/l$ and Platelets $\geq 100 \times 10^9 /l$	Proceed with carboplatin treatment
	Day 15:	If neutrophils $< 0.5 \times 10^9/l$, assess patient for any signs of sepsis and counsel patient about appropriate self-care. If in doubt, discuss with doctor. G-CSF is not routinely indicated.	

Renal Impairment: Carboplatin is contra-indicated if CrCl < 20 ml/min

References: Oliver, RTD et al (1994), Int J Radiation Oncology Biol.Phys; 29: 2-8

Reason for Update: carboplatin infusion time amended; statement re not capping EDTA result added	Approved by Consultant: Dr J Money-Kyrle
Version: 3	Approved by Lead Chemotherapy Nurse: P Deery
Supersedes: Version 2	Date: 2.7.14
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