

K&M Cancer Network Cisplatin Hydration Guidelines

For Cisplatin Regimes with Cisplatin Dose $\leq 60\text{mg/m}^2$

Pre Hydration

Drug	Dose	Administration Details	Administration Time	Route
KCL	20mmol	1 litre saline	Over 2 hours	IV
Mg2++	10mmol			
Mannitol	10%	200ml	Over 15 minutes	IV
Anti-emetics				
Followed by CISPLATIN in 1litre Normal saline 0.9%			Over 2 hours	IV
Furosemide	40mg	At the end of cisplatin administration, if urine output <100ml/hour or weight gain > 1kg An additional prn dose may be given at the end of treatment if the patient remains in a >2litre positive balance	-	IV./PO
Post hydration				
KCL	20mmol	1 litre saline*	Over 2 hours	IV
Mg2++	10mmol			
PLUS				
Either: 500ml saline IV over 1hour OR: 500ml water orally (Discretionary)				

*this may be omitted in low dose regimens $\leq 40\text{mg/m}^2$

For Cisplatin Regimes with Cisplatin Dose $> 60\text{mg/m}^2$

Pre Hydration

Drug	Dose	Administration Details	Administration Time	Route
KCL	20mmol	1 litre saline	Over 2 hours	IV
Mg2++	10mmol			
KCL	20mmol	1 litre saline	Over 2 hours	IV
Mannitol	10%	200ml	Over 15 minutes	IV
Anti-emetics				
Followed by CISPLATIN in 1 litre Normal saline 0.9%			Over 2 hours	IV
Furosemide	40mg	At the end of cisplatin administration, if urine output <100ml/hour or weight gain > 2kg An additional prn dose may be given at the end of treatment if the patient remains in a >2litre positive balance	-	IV./PO
Post Hydration				
KCL	20mmol	1 litre saline	Over 2 hours	IV
Mg2++	10mmol			