

D H A P

### 7.3.3 Drug Regimen

Days	Drug	Dose	Route	Comments
1-4	Dexamethasone	40mg od	PO	Take in morning with food
1	Cisplatin	100mg/m <sup>2</sup>	IV	Infusion in 500mls-1litre 0.9% NaCl over 24hrs
2	Cytarabine †	2gm/m <sup>2</sup> 12hourly for 2 doses	IV	Infusion in 1litre 0.9% NaCl over 3hrs Start time of each infusion is 12hrs apart

† Do not forget prednisolone 0.5% eye drops TDS - QDS for 5 - 7 days starting on day 2.

### 7.3.4 Cycle Frequency and Duration

- Repeated every 21-28 days as soon as blood count recovery ascertained - neutrophils  $1.0 \times 10^9/l$  and platelets (unsupported)  $>100 \times 10^9/l$ .
- 2-6 cycles in total but usually consolidated with stem cell transplant in responding patients < 65 years of age.

### 7.3.5 Dose Modifications Haematological

- Delay treatment until neutrophils  $> 1.0 \times 10^9/l$  and platelets  $> 100 \times 10^9/l$  unless cytopenia is disease related.
- Renal dysfunction:

Creatinine clearance (mls/min)	Modification
>60	No dose modification
40-60	50% dose of Cisplatin
<40	Substitute Carboplatin for Cisplatin

Cytarabine should be used with caution in severe renal impairment

### 7.3.6 Investigations Prior to Each Dose of Chemotherapy

FBC, U&E, creatinine, LFTs, calcium, magnesium and creatinine clearance.

### 7.3.7 Assessment of Response

CT scan chest, abdomen and pelvis (+/- bone marrow aspirate and trephine biopsy if marrow disease at relapse) after 2-3 cycles of treatment.

### 7.3.8 Concurrent Medications

- Allopurinol 300mg (100mg if creatinine clearance  $<20mls/min$ ) od for first 2 weeks
- Aggressive pre- and post-hydration including potassium/magnesium supplementation required with cisplatin.