

## LENALIDOMIDE AND DEXAMETHASONE

**INDICATION:** Relapsed multiple myeloma

***This protocol must be used in conjunction with the Celgene Pregnancy Prevention Programme***

### Prior to a course of treatment

- Patient must be counselled about the risk of birth defects with foetal exposure. See Celgene Pregnancy Prevention Programme. Prescription must be accompanied by a completed prescription authorisation form.
- Note that lenalidomide is contraindicated if there is a history of hypersensitivity or desquamating rash with thalidomide.
- Note whether lenalidomide causes infertility is unknown – offer semen cryopreservation to males.
- Assess for neuropathy – do not use lenalidomide if there is grade 3 neuropathy (sensory loss or paraesthesiae interfering with activities of daily living or causing disability) or higher
- Check FBC – neutrophils must be > 1.0, platelets >75 unless due to marrow infiltration
- Check U&Es, creat, LFTs, thyroid function tests – *see dose modifications*
- Written consent for course

### Day 15 of the first 2 cycles

- Check FBC – *see dose modifications*
- Assess for neuropathy – *see dose modifications*

### Prior to each cycle

- Medical review of fitness for chemotherapy – exclude active infection, major changes in organ function.
- Review necessary measures in the lenalidomide risk management programme.
- Assess for neuropathy – *see dose modifications*
- Check FBC, U&Es, creat, LFTs – *see dose modifications*
- Each prescription must be accompanied by a completed prescription authorisation form.

Lenalidomide *	25mg od PO for 21 days
Dexamethasone	20-40mg od PO days 1-4, 9-12 and 17-20 with cycles 1-4, Days 1-4 from cycle 5 onwards  <i>Dose of dexamethasone and number of pulses may be modified according to age, performance status, tolerance and duration of treatment</i>
No more than 28 days to be dispensed	* tablets are 5mg, 10mg, 15mg and 25mg

### Repeat cycle every 28 days

**Continue treatment until there is disease progression**

Prophylaxis for emesis	Not required
Other medications	Ranitidine 150mg bd throughout  Antimicrobial prophylaxis as per local policy  Anti-thrombotic prophylaxis as per local policy



## LSCCN HAEMATOLOGY PROTOCOLS

### Lenalidomide Toxicities

Febrile neutropenia and thrombocytopenia	Nausea and vomiting
Venous thromboembolism	Fatigue
Rash – desquamating or erythema multiforme; often resolves with continued treatment	Arthralgia, myalgia, muscle weakness
Constipation	Peripheral neuropathy
Dizziness/sinus bradycardia/atrial fibrillation/cardiac arrhythmias	Hypothyroidism
Teratogenicity	Somnolence
Digoxin toxicity	

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