

Levofolinic acid 200mg/4ml solution for injection vials | 1 vial [PoM] £80.40 (Hospital only)

▶ **Isovorin** (Pfizer Ltd)

**Levofolinic acid (as Calcium levofolinate) 10 mg per 1 ml** Isovorin 175mg/17.5ml solution for injection vials | 1 vial [PoM] £81.33 (Hospital only)  
Isovorin 25mg/2.5ml solution for injection vials | 1 vial [PoM] £11.62 (Hospital only)

## 2.1a Hyperuricaemia associated with cytotoxic drugs

**Other drugs used for Hyperuricaemia associated with cytotoxic drugs** Allopurinol, below

### DETOXIFYING DRUGS > URATE OXIDASES

#### Rasburicase

##### ● INDICATIONS AND DOSE

**Prophylaxis and treatment of acute hyperuricaemia with initial chemotherapy for haematological malignancy**

- ▶ BY INTRAVENOUS INFUSION
- ▶ Child: (consult local protocol)

- **UNLICENSED USE** Not licensed for use in children.
- **CONTRA-INDICATIONS** G6PD deficiency
- **CAUTIONS** Atopic allergies
- **SIDE-EFFECTS**
  - ▶ **Common or very common** Diarrhoea · fever · headache · nausea · skin reactions · vomiting
  - ▶ **Uncommon** Bronchospasm · haemolysis · haemolytic anaemia · hypersensitivity · hypotension · methaemoglobinaemia · seizure
  - ▶ **Rare or very rare** Rhinitis
  - ▶ **Frequency not known** Muscle contractions involuntary
- **PREGNANCY** Manufacturer advises avoid—no information available.
- **BREAST FEEDING** Manufacturer advises avoid—no information available.
- **MONITORING REQUIREMENTS** Monitor closely for hypersensitivity.
- **EFFECT ON LABORATORY TESTS** May interfere with test for uric acid—consult product literature.

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

##### **Powder and solvent for solution for infusion**

- ▶ **Fasturtec** (Sanofi)
  - Rasburicase 1.5 mg** Fasturtec 1.5mg powder and solvent for solution for infusion vials | 3 vial [PoM] £208.39 (Hospital only)
  - Rasburicase 7.5 mg** Fasturtec 7.5mg powder and solvent for solution for infusion vials | 1 vial [PoM] £347.32 (Hospital only)

### XANTHINE OXIDASE INHIBITORS

#### Allopurinol

03-Mar-2020

##### ● INDICATIONS AND DOSE

**Prophylaxis of hyperuricaemia associated with cancer chemotherapy | Prophylaxis of hyperuricaemic nephropathy, enzyme disorders causing increased serum urate e.g Lesch-Nyhan syndrome**

- ▶ BY MOUTH
- ▶ Child 1 month–14 years: 10–20 mg/kg daily, dose to be taken preferably after food; maximum 400 mg per day
- ▶ Child 15–17 years: Initially 100 mg daily, taken preferably after food; dose to be increased according to response, up to 900 mg daily in divided doses (max. per dose 300 mg)

- **CAUTIONS** Ensure adequate fluid intake · for hyperuricaemia associated with cancer therapy, allopurinol treatment should be started before cancer therapy

- **INTERACTIONS** → Appendix 1: allopurinol

##### ● SIDE-EFFECTS

- ▶ **Common or very common** Rash (discontinue therapy; if rash mild re-introduce cautiously but discontinue immediately if recurrence)
- ▶ **Uncommon** Hypersensitivity · nausea · vomiting
- ▶ **Rare or very rare** Agranulocytosis · alopecia · angina pectoris · angioedema · angioimmunoblastic T-cell lymphoma · aplastic anaemia · asthenia · ataxia · boil · bradycardia · cataract · coma · depression · diabetes mellitus · drowsiness · erectile dysfunction · fever · gastrointestinal disorders · gynaecomastia · haemorrhage · hair colour changes · headache · hepatic disorders · hyperlipidaemia · hypertension · infertility male · maculopathy · malaise · oedema · paraesthesia · paralysis · peripheral neuropathy · severe cutaneous adverse reactions (SCARs) · skin reactions · stomatitis · taste altered · thrombocytopenia · vertigo · visual impairment
- **PREGNANCY** Toxicity not reported. Manufacturer advises use only if no safer alternative and disease carries risk for mother or child.

- **BREAST FEEDING** Present in milk—not known to be harmful.

- **HEPATIC IMPAIRMENT** Manufacturer advises monitor liver function periodically during early stages of therapy. **Dose adjustments** Manufacturer advises reduce dose.

##### ● RENAL IMPAIRMENT

**Dose adjustments** Manufacturer advises reduce dose or increase dose interval in severe impairment; adjust dose to maintain plasma-oxipurinol concentration below 100 micromol/litre.

##### ● PATIENT AND CARER ADVICE

Medicines for Children leaflet: Allopurinol for hyperuricaemia [www.medicinesforchildren.org.uk/allopurinol-hyperuricaemia](http://www.medicinesforchildren.org.uk/allopurinol-hyperuricaemia)

- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug. Forms available from special-order manufacturers include: oral suspension, oral solution

##### **Tablet**

CAUTIONARY AND ADVISORY LABELS 8, 21, 27

##### ▶ **Allopurinol (Non-proprietary)**

**Allopurinol 100 mg** Allopurinol 100mg tablets | 28 tablet [PoM] £8.15 DT = £1.11

**Allopurinol 300 mg** Allopurinol 300mg tablets | 28 tablet [PoM] £5.85 DT = £1.62

##### ▶ **Uricto** (Ennogen Pharma Ltd)

**Allopurinol 100 mg** Uricto 100mg tablets | 28 tablet [PoM] £0.78 DT = £1.11

**Allopurinol 300 mg** Uricto 300mg tablets | 28 tablet [PoM] £1.85 DT = £1.62

##### ▶ **Zyloric** (Aspen Pharma Trading Ltd)

**Allopurinol 100 mg** Zyloric 100mg tablets | 100 tablet [PoM] £10.19

**Allopurinol 300 mg** Zyloric 300mg tablets | 28 tablet [PoM] £7.31

DT = £1.62