Parecoxib intravenous for adults

Who can administer

May be administered by registered competent doctor or nurse/midwife

Available preparations

Dynastat 40mg vial

Reconstitution

Sodium chloride 0.9% or Glucose 5% - add 2ml per 40mg vial

Dissolve the powder using a gentle swirling motion

Methods of intravenous administration

Bolus intravenous injection

- Administer slowly over at least 3 minutes [ref 1]

Dose in adults

Usual dose

- Give 40mg stat., followed by 20 to 40mg every six to twelve hours as required
- Maximum dose 80mg daily
- Use for the shortest duration possible, at the lowest effective dose
- There is limited clinical experience with treatment beyond three days

Elderly patients (65 years or more) weighing less than 50kg

- Use half initial dose, maximum daily dose 40mg

Renal impairment

- **Severe renal impairment (CrCl <30ml/minute), or patients predisposed to fluid retention:** Start with 20mg and monitor renal function closely

Hepatic impairment

- **Severe impairment (Child Pugh 10 or more)** Contraindicated
- **Moderate impairment (Child Pugh 7 to 9):** Use half the recommended dose (maximum

daily dose 40mg)
- **Mild impairment (Child Pugh 5 - 6):** No dosage adjustment necessary

Storage

Store at room temperature

References

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1: Medusa- downloaded May 12th 2026

Therapeutic classification

Anti-inflammatory agent (selective COX-2 inhibitor)