

Diclofenac

Form	Diclofenac sodium 25mg/mL 3mL ampoule	Store below 25°C
Reconstitution	Already in solution • Draw up using a 5 micron filter needle • Use gloves when opening ampoules	
Compatibility & Stability	Sodium Chloride 0.9% Glucose 5% Bag must be buffered for IV Infusion Buffer the sodium chloride 0.9% or glucose 5% solution with sodium bicarbonate injectable solution (0.5mL of 8.4% or 1mL of 4.2%), before adding the diclofenac ampoule. Intravenous infusions should be initiated immediately after preparing the infusion solutions. The infusions should not be stored.	
Administration	IV Infusion Buffer 100-500mL infusion fluid with 0.5mL of 8.4% sodium bicarbonate before adding diclofenac. (see above) Dependent on the indication, dilute and infuse as a loading dose or continuously over a period of 15 minutes to 120 minutes For intermittent infusion give 25–50 mg over 15–60 minutes or 75 mg over 30–120 minutes. IM Injection 25mg/mL solution to be injected by deep intragluteal injection into the upper outer quadrant. Continuous SC Infusion Single drug CSCI (cannot be combined in the same syringe with other drugs) By CSCI only. Do not give stat SC injections (tissue necrosis reported) Diluent: Sodium chloride 0.9%*	
Monitoring	Monitor renal function in patients with impaired cardiac or renal function, hypertension, the elderly or those receiving nephrotoxic medications	
Additional Information	*For administration via a CSCI, the solution for injection is not diluted to the same extent as recommended for intravenous infusion and therefore the need for the addition of a buffer is not acknowledged, because the relative amount of buffer required would be negligible. • Impaired female fertility: diclofenac injection 75mg/3mL may impair female fertility and is not recommended in women attempting to conceive. In women who have difficulties conceiving or who are undergoing investigation of infertility, withdrawal of diclofenac should be considered.	

Information provided relates to Diclac (Rowe) last updated 16/4/26

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications.