Furosemide

Indication	Oedema e.g. due to heart failure or earlier aggressive fluid resuscitation.				
Dose	Stat/Bolus Initially 20-40mg up to TDS. Doses over 80mg must be given by infusion. Continuous Infusion 0 - 20mg/hr titrated to urine output				
Preparation	 Stat/Bolus Doses < 80mg Draw up required dose into a syringe using a filter needle For ease of administration, a dilution up to 20mL with sodium chloride 0.9% can be undertaken if required. Slow infusion doses > 80mg Draw up the required dose into a syringe using a filter needle. Continuous Infusion Draw up the required amount of Furosemide into an appropriate sized syringe using a filter needle. 				
Administration	Given via a peripheral or central line Stat/Bolus Doses <80mg Given as a slow bolus over 1-2 minutes Stat/Bolus Doses > 80mg & Continuous Infusion Given as slow infusion at a rate not exceeding 4mg/minute				
Shelf-life	Shelf life 24 hours at room temperature				
Additional information	If given too fast furosemide can cause nephrotoxicity and ototoxicity Electrolytes should be closely monitored as hypokalaemia and hyponatraemia can occur. Bolus doses may be diluted in 50ml sodium chloride 0.9% for ease of administration.				
Sample Label	DRUGS ADI PATIENT A. Patient (A. Number) DRUG Furosemide (ml Neat) DATE ADDED TIME ADDED DISCONTINUE IF C	EXI	AMOUNT mg 10mg/ml P. DATE P. TIME	ADDE D BY	WARD A Ward CHECK ED BY BATCH No.

 Written by Reviewed by
 Matthew Elliott (Pharmacist, Critical Care) December 2015
 Dominic Moore (Advanced Pharmacist, Specialist Medicine) December 2016
 Medical Division - 18/5/18
 Hester Smail (Advanced Pharmacist - Cardiology) November 2023

For review November 2026

References

BMA & Pharmaceutical Press. British National Formulary. <u>https://www.medicinescomplete.com/mc/bnf/current/index.htm</u> Accessed October 2023. Summary of Product Characteristics. <u>http://www.emc.medicines.org.uk</u>.Accessed Sept. 2014 Trissel, L.A. Handbook on Injectable Medicines 17th Edition. <u>https://www.medicinescomplete.com/mc/hid/current/index.htm</u> Accessed October 2023. Brayfield A (ed), Martindale: The Complete Drug Reference. [online] London: Pharmaceutical Press <<u>http://www.medicinescomplete.com/</u>> (accessed October 2023). UKCPA. Minimum Infusion Volumes for Fluid Restricted Critically III Patients. 4th Edition (December 2012).