

Fentanyl (PCA Syringe)			
Indication	Severe pain in patients who are allergic or have a contraindication to morphine		
Dose	Standard Program 10microgram bolus with a 5minute lockout		
Preparation	Fentanyl ampoules contain 500microgram/10ml (50microgram/ml) 1. Draw up 10ml of fentanyl using a filter needle into a 50ml syringe 2. Draw up 40ml of sodium chloride 0.9%.		
Administration	For intermittent bolus through a PCA Pump via a central or peripheral line		
Shelf-life	24 hours at room temperature		
Common Compatibility Issues	Fentanyl PCA is considered compatible with crystalloid infusions. See unit compatibility chart for more information.		
Additional information	PCA syringes are usually manufactured by Pharmacy on request. The standard Fentanyl program on the PCA pump will only allow 10microgram bolus and 5min lockout. No background infusions can be setup. If the anaesthetist or intensivist wants to use a background infusion they will need to use the "Fentanyl User Program".		
Sample Label	DRUGS ADDED TO THIS INFUSION		
		PATIENT <i>A. Patient (A. Number)</i>	WARD <i>ICU</i>
		DRUG <i>Fentanyl in 50ml sodium chloride 0.9%</i>	AMOUNT <i>500microgram (10mcg/ml)</i>
		DATE ADDED TIME ADDED	ADD BY CHECKED BY
		EXP. DATE EXP. TIME	BATCH No.
DISCONTINUE IF CLOUDINESS OR PRECIPITATE DEVELOPS			

For review June 2026

Documentation Controls

Development of Guideline:	Pharmacist – Critical Care & Theatres
Consultation with:	Pharmacy Department
Approved By:	ICU Sister's Meeting: June 2023 ICU Risk & Quality Meeting: August 2023 Surgical Division
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Key contact:	Pharmacist – Critical Care & Theatres

References

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***** End of Monograph *****

