

**Critical Care Guidelines
FOR CRITICAL CARE USE ONLY**



FENTANYL

PRESENTATION:	50 micrograms/ml injection: 10ml ampoules
INDICATION:	Analgesia and/or endotracheal tube toleration.
DOSE AND ADMINISTRATION:	<p>ICU STANDARD INTRAVENOUS INFUSION</p> <p>Fentanyl is administered undiluted e.g. 1500micrograms in 30ml or 2500micrograms in 50ml depending on rate of infusion.</p> <p>Infusion of 0.7 micrograms/kg/hr up to 10micrograms/kg/hr. However usually rates of up to 7 micrograms/kg/hr are sufficient.</p> <p>For a 70kg patient 1ml/hr- 14mls/hr. However usually rates of up to 10mls/hr are sufficient.</p> <p>Dose using ideal body weight.</p> <p>In assisted ventilation, bolus doses of 25 to 50micrograms (0.5 to 1ml) may be given.</p>
CONCENTRATION:	50 micrograms/ml
STABILITY:	Physically & chemically stable for 24 hours at room temperature.

References

1. Fentanyl 50micrograms/ml Solution for Injection. Summary of Product Characteristics. Martindale Pharma. www.emc.medicines.org.uk. Accessed on 25.4.20.
2. Fentanyl 50micrograms/ml Injection. Summary of Product Characteristics. Hameln pharmaceuticals Ltd. www.emc.medicines.org.uk. Accessed on 25.4.20.
3. Fentanyl. Micromedex .Accessed on 25.4.20.

Title: Fentanyl	
ID:	Authors: Ally Gibson & Morag Naysmith
Category:	Document Version: 1.0
Status Draft/Final: FINAL	Review Date: April 2020
Authoriser:QIT editorial group	Authorisation Date: April 2020
Date added to Intranet	
Key Words/comments	