

FENTANYL (intra-nasal) (C)

(Revised: September 2020)



TYPE:	A fast acting synthetic narcotic analgesic [S8]		
PRESENTATION:	450mcg in 1.5ml (<i>30mcg / 0.1ml</i>) – vial		
ACTION:	Acts on the central nervous system by binding with the opioid receptors		
USES:	ICP	1. Management of moderate to severe pain	AP
	ICP	2. Safe analgesic alternative in known allergy (anaphylactic) to morphine sulphate	AP
ADVERSE EFFECTS:	1. Central nervous system depression 2. Respiratory depression 3. Nausea / vomiting 4. Occasionally – bradycardia 5. Rigidity of the diaphragm, intercostals and jaw (rare)		
CONTRA-INDICATIONS:	1. Known allergy or previous reaction to fentanyl 2. Bleeding or bilateral occluded nose within 3. Altered level of consciousness 4. Children under the age of 1 year		
PRECAUTION:	Active labour		

continues over

FENTANYL (intra-nasal) (C) – cont.



DOSES – INTRA-NASAL ONLY:

NOTE: add 0.1ml volume to first administration only, to prime device

	AGE	FIRST DOSE	REPEAT	
ICP	1 – 5 years (<20kg)	30mcg (0.1ml)	Up to 30mcg (0.1ml) – repeat every 10 minutes as required	AP
ICP	5 – 12 years (20 – 40kg)	60mcg (0.2ml)	Up to 60mcg (0.2ml) – repeat every 10 minutes as required	AP
ICP	Small adult or adolescent / elderly / frail (40-70kg)	150mcg (0.5ml)	Up to 60mcg (0.2ml) – repeat every 5 minutes as required	AP
ICP	12+ yrs – adult (>70kg)	210mcg (0.7ml)	Up to 60mcg (0.2ml) – repeat every 5 minutes as required	AP

SPECIAL NOTES:

ICP	1. maximum 0.5ml volume per nostril. Divide large doses into smaller administrations, alternating nostrils to allow for maximum absorption	AP
ICP	2. doses of <i>morphine</i> following fentanyl use should be administered at half doses and titrated in response to pain	AP
ICP	3. doses of <i>ketamine</i> following fentanyl use should be administered at half doses and titrated in response to pain	
	4. fentanyl should not be administered if the maximum dose of morphine has already been administered (AP only)	AP
ICP	5. antiemetics should only be administered if the patient has nausea / vomiting prior to or post administration of fentanyl	AP
ICP	6. intra-nasal fentanyl should NEVER be administered IV	AP