



Title	Paediatric Paracetamol Dosing
Applies to	Paediatrics
Date of this version	April 2022
Author (s)	Kirstie Nisbet, Lucy Thomas

Paediatric Analgesia - Paracetamol Dosing

Oral suspension- All Ages 120 mg / 5 ml		
Age	Dose	mls 120 mg / 5ml
3 – 5 months	60 mg	2.5 ml
6 – 23 months	120 mg	5 ml
2 – 3 years	180 mg	7.5 ml
4 – 7 years	240 mg	10 ml
8 – 9 years	360 mg	15 ml
10 – 15 years	480 mg Or use 500mg dispersible tablet	20 ml

PR Paracetamol Suppositories	
Age	Dose (PR)
3-11months	60-125mg
1-4 years	125-250mg
5- 11 years	250 – 500mg
Over 12 years	500mg

Title	Paediatric Ibuprofen Dosing
Applies to	Paediatrics
Date of this version	April 2022
Author (s)	Kirstie Nisbet, Lucy Thomas

Paediatric Analgesia - Ibuprofen Dosing

Oral Suspension - All ages 100mg/ 5mls suspension		
Age	Dose	mls 100 mg / 5ml
3 – 11 months	50 mg	2.5 ml
1 – 3 years	100 mg	5 ml
4 – 6 years	150 mg	7.5 ml
7 – 9 years	200 mg	10 ml
10 – 12 years	300 mg	15 ml
13 – 15 years	400 mg	20 ml

NB: In fever, ibuprofen dose should still be prescribed on a weight-based does (7.5 mg/ kg)

Title	Paediatric Oral Morphine Dosing
Applies to	Paediatrics
Date of this version	April 2022
Author (s)	Kirstie Nisbet, Lucy Thomas

Paediatric Analgesia - Oral morphine

Dose range: 0.2 - 0.3 mg/kg/dose for children over 1 year

Can be repeated 4hourly

All ages 10mg/ 5mls oral solution		
1ml = 2mg		
Age (yrs)	Dose (mg) (0.2mg/kg)	Volume (mls)
1	2mg	1ml
2	2.4mg	1.2mls
3	2.8mg	1.4mls
4	3.2mg	1.6mls
5	3.6mg	1.8mls
6	5mg	2.5mls
7	5.6mg	2.8mls
8	6.2mg	3.1mls
9	6.8mg	3.4mls
10	7.4mg	3.7mls
11	8mg	4mls
12	8.6mg	4.3mls
12 +	5-10mgs	2.5 – 5mls

Title	Paediatric IV Morphine Dosing
Applies to	Paediatrics
Date of this version	April 2022
Author (s)	Kirstie Nisbet, Lucy Thomas

Paediatric Analgesia - IV Morphine

Can be repeated 4 hourly

All ages 1mg/ ml		
Age (yrs)	Dose (mg) (0.1mg/kg)	Volume (mls)
1	1mg	1.0ml
2	1.2mg	1.2ml
3	1.4mg	1.4ml
4	1.6mg	1.6ml
5	1.8mg	1.8ml
6	2.5mg	2.5ml
7	2.8mg	2.8ml
8	3.1mg	3.1ml
9	3.4mg	3.4ml
10	3.7mg	3.7ml
11	4.0mg	4.0ml
12+	5.0mg	5.0ml

Title	Paediatric Intranasal Diamorphine Dosing
Applies to	Paediatrics
Date of this version	April 2022
Author (s)	Lucy Thomas

Paediatric Analgesia- Intranasal Diamorphine

Indications: moderate to severe pain following injury with no IV access.

Contraindications:

- Altered conscious levels
- epistaxis
- MAOI antidepressant use in the last 14 days
- Known opiate hypersensitivity
- Bilateral blocked nose

Dose

Child's weight	Vol. normal saline used to dilute 5mg diamorphine
10 Kg	1 ml
15 Kg	0.7 ml
20 Kg	0.5 ml
25 Kg	0.4 ml
30 Kg	0.35 ml
35 Kg	0.3 ml
40 Kg	0.25 ml
50 Kg	0.2 ml

Steps

- Use 1ml syringe, dilute 5mg of diamorphine into the specified volume of saline
- Instil 0.2ml of the solution into the child's nose (gives 0.1mg/kg in 0.2ml).
- Titrate up to 2 doses as required.

Observations – observe for 20 minutes

- Heart rate
- Resp rate
- Blood Pressure
- SpO2

Adverse Effects - Side effects are very common:

- Resp depression
- Hypotension
- Nausea and vomiting

Suspected overdose

- Support airway
- Assisted ventilation if required
- High flow oxygen
- Consider naloxone IV or IM 0.1 mg/kg