

St Georges Healthcare NHS Trust Paediatric Analgesic

Ladder

All doses oral unless otherwise specified. Consult BNF for Children for doses not provided.

PARACETAMOL PROTOCOL

Age or Weight	Route	Loading Dose	Dose	Frequency	Maximum
CONSULTANT ONLY PRESCRIPTION					
Preterm					
Neonate or < 10 kg	IV	---	7.5 - 10mg/kg	-6 - 8 hourly	30 mg/kg/24 hrs
	PO	20mg/kg	10 - 15 mg/kg	6 - 8 hourly	60 mg/kg/24hrs
> 1 mth old; 10kg to 50 kg	IV	---	15 mg/kg	6 hourly	60 mg/kg/24hrs
	PO	20 - 30 mg/kg (max 1g)	18mg/kg	4 - 6 hourly	75 mg/kg/24hrs (max 4g/24hrs)
> 50 kg	IV	---	1 g	4 - 6 hourly	4 g/24 hours
	PO	---	1 g	4 - 6 hourly	4 g/24hours

Also consider:
Immobilisation
Regional or local anaesthesia as appropriate
Diazepam or Baclofen for muscle spasm (chronic doses may need to be increased)
Oxybutinin for bladder spasm
Hyoscine butylbromide (Buscopan) for bowel spasm

NSAIDs

Ibuprofen:

1- 3mths
 5mg/kg 6 - 8 hourly
Maximum dose
 15 - 20 mg/kg/day

OR:
Dihydrocodeine:
1 - 4yrs: 0.5mg / kg
 4 - 6 hourly
4 - 12yrs: 1mg / kg
 4 - 6 hourly
12 – 18 yrs: 30mg
 4 – 6 hourly
Maximum dose
 30mg/dose

OR:
Tramadol: > 12yrs:
 1mg/kg 4 - 6 hourly
Maximum dose
 100mg/dose or 400mg/day

OPTIONS:
Oral Morphine
>1 month:
 100 - 150 microgram/kg
 4 hourly

OR:
(Emergency Department Only)
Intranasal Fentanyl/ Entonox as rescue analgesia
 Follow ED Guideline
NB Monitoring

OR:
IV Morphine
Bolus:
 100 – 200 microgram/kg
 2 - 4 hourly
 Consider 50 microgram/kg bolus to reduce nausea and vomiting
 Consider PCA/IVI
NB Monitoring

OPTIONS: Oral Morphine
1-12 mths:
 100 - 200 microgram/kg
 4 hourly
> 1 – 12 yrs:
 200 - 400 microgram/kg
 4 hourly
>12yrs: initially 5 -10mg
 4 hourly
NB Monitoring

OR:

Diclofenac:

> 6mths
 1mg/kg 8 hourly
Maximum dose
 150mg/day

4mths – 18 yrs
 7.5mg/kg 6 hourly (qds)
 or
 10mg/kg 8 hourly (tds)
Maximum dose
 30mg/kg/day or 1.2 grams/24 hrs (consult BNF for higher doses in selected patients)

	Paracetamol regularly as per protocol	Paracetamol regularly as per protocol	Paracetamol regularly as per protocol	Paracetamol regularly as per protocol
No Pain	Mild Pain	Mild to Moderate	Moderate to Severe	Severe