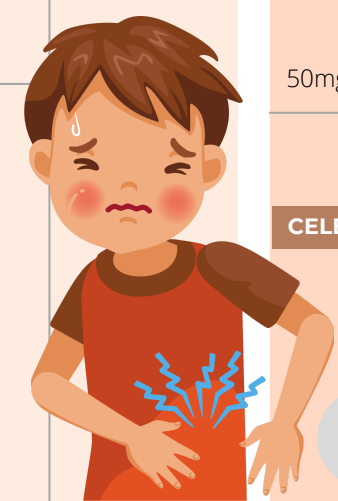


PAIN MANAGEMENT IN PEDIATRICS (NON-OPIOIDS)

PREPARED BY NURUL IMAN & PRIC HOSP SG BULOH

PREPARATION AVAILABLE IN HSGB	DOSE	OBESE PATIENT	PREPARATION AVAILABLE IN HSGB	DOSE	OBESE PATIENT
PARACETAMOL			IBUPROFEN		
ORAL ^{1,2,4} 500mg Tablet 120mg/5 ml Syrup	10-15mg/kg/dose QID Max: 60mg/kg/day	ABW (Adjusted Body Weight) (correction factor: 0.4)	ORAL ^{2,4,5} 200mg Tablet 20mg/ml Syrup	≥6m: 5-10mg/kg/dose q4h-q8h Max: 40mg/kg/day	ABW (Adjusted Body Weight) (correction factor: 0.4)
SUPPOSITORY ^{1,2,4} 125mg, 250mg	Initial loading dose: 40mg/kg stat Maintenance dose: 30mg/kg/dose QID Max: 1-2m : 30-60mg TDS/PRN (max: 60mg/kg/day) 3-11m : 60-125mg q4h-q6h/PRN 1-4y : 125-250mg q4h-q6h/PRN 5-11y : 250-500mg q4h-q6h/PRN 12-17y : 500mg q4h-q6h		<ul style="list-style-type: none"> Strictly reserved for those contraindicated or not responding to PCM Only use for patent ductus arteriosus (NICU) & pain management 		
IV ^{1,2,4} 1gm/100ml Inj Anaes/ICU, Surg, ED Administered over 15mins			NAPROXEN		
			ORAL ^{1,3,4} 275mg Tablet	Pain and inflammation in musculoskeletal disorders >1m: 5-10mg/kg/dose BD/TDS Max: 1g/day	N/A
			<ul style="list-style-type: none"> Can be crushed and freshly prepared. 		
			DICLOFENAC		
			ORAL ^{1,2,3} 50mg Tablet	>6m: 0.3-1mg/kg/dose BD/ TDS Max: 3mg/kg/day or 150mg/day or 50mg/dose *Suppository max duration: 4 days	N/A
			SUPPOSITORY ^{1,3} 12.5mg, 25mg, 50mg (Anaes/ICU, O&G)		
			IV 75mg/3ml Inj	Not recommended for children	
			CELECOXIB		
			ORAL ⁵ 200mg Cap 400mg Cap (Surg)	Juvenile Rheumatoid Arthritis >2yrs 10-25kg: 50mg BD >25kg : 100mg BD	N/A
			<ul style="list-style-type: none"> Capsule can be opened and to freshly prepare. Mix the contents of the capsule with water to produce 10mg/ml suspension 		



References
 1. British national formulary for children September 2020-2021.
 2. Pain as the 5th Vital Sign Guidelines, 2nd Edition. Quality Unit, Medical Development Section of the Medical Development Division, Ministry of Health Malaysia and the National Pain Free Hospital Committee, 2013
 3. Paediatric Analgesia Guidelines Royal Cornwall Hospitals, 2015; NHS trust.
 4. Frank Shann Seventeenth Edition
 5. Lexicomp.
 6. About the medicine, Celecoxib, The Royal Children's Hospital Melbourne.

Disclaimer:
 This dosing guide is for internal use only.
 Please note that this dosing guide is not applicable for neonates.