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Migraine Pathway: Inpatient Management								
		nts 6-21 years o				1	/lay 2024 dited May 2	Children's Healthcare of Atlanta
NAME DOSE DOSE ROUTE MISCELLANEOUS								
		*Sumatriptan ¹	< 30 kg: 5 mg 30-39.9 kg: 10 mg > 40 kg: 20 mg	20 mg	IN	 If no Triptans in past 2 hours; Max 2 doses in 24 hours Contraindicated in Sickle Cell Disease Physician discretion for female: of menstruating age 	5	
		Diphenhydramine ²	1 mg/kg Q8H	50 mg	īv	 Slow IV Push over 5 min Give before Prochlorperazine 		
		Prochlorperazine ³	0.1 – 0.15 mg/kg Q8H	10 mg	IV	IV Push Alternative: Ondansetron		
		Ketorolac ⁴	0.5 mg/kg Q8H	30 mg	IV	 IV Push No NSAIDS within 6 hours Max 5 days or 20 doses in 1 month (PO, IV & Nasal) 		
		Valproic Acid ⁵	Loading dose 15 mg/kg max 1000 mg IV followed by 5 mg/kg Q8H	500 mg	īv	Contraindicated in Pregnancy		
		Magnesium ⁶	30 mg/kg x1	2 g	١V	Discharge dosing per Neurolog	v	
		^{s⊲} DHE7	Low Dose Protocol 6 – 10yo: 0.1 mg Q6H 10 – 12yo: 0.15 mg Q6H 12yo+: 0.2 mg Q6H	1 mg	īv	 Time anti-emetic to be given prior to DHE If no improvement and dose tolerated, increase by 0.1 mg every 6 hours until pain improving. Max 10 doses per episode. Obtain screening EKG Continue cardiac monitor Common Side Effects: slow infusion to 2 hours if persisted nausea/vomiting-consider antiemetic; worsening headach restlessness or uncomfortable Rare Side Effects: check IV site. IV site is abnormal, STOP INFUSION for coldness, numbness, tingling in extremities; tachycardia, bradycardia, hypertension Contraindicated in Sickle Cell Disease 		
	DISCHARGE CRITERIA ⁸		A ⁸			DISCHARGE INSTRUCTIO	NS ⁸	
Discharge ⁸	 Pain significantly improved Adequate oral intake Ambulating and tolerating environmental stimulation Off IV pain medications for 6-8 hours, and symptoms are stable Consider keeping patient for an extra dose of last effective migraine medication even if significantly improved 			 All Tiers Rx for Ibuprofen or Ketorolac PO Rx for two doses PO *Rizatriptan PRN for headache <30 kg: 5 mg; ≥30 kg: 10 mg One dose at onset of migraine, may repeat in >2 hrs if headache not resolved or recurs. Do not exceed 2 dose/24 hrs Migraine Education Pack F/U with PCP in 2 weeks Consider F/U with Neurology for persistent or recurrent migraine symptoms Tier 2 – additional of Consider Rx for Va Acid if improved of 2. 15 mg/kg/day, mg/day for 2 weed ocurrently at risk disease 			proic rith Tier nax 500 cs. 2 weeks nt is	 Tier 3 – additional orders Discharge Medications per Neurology Place referral for Neurology outpatient follow up
Special Considerations	 If using oral dosing 20 mg for the first dose, followed by 10 mg doses (max of 40 mg/day) OR 0.5 mg/kg, (whichever is less) Max 5 days or 20 doses in 1 month (PO, IV & Nasal) Oral Medication Oral medication 			ttient for acute migraine if gesic pain management is I medications listed above.		tolerated last and monitor for improvement every 6 hours		

This pathway is based on evidence available at the time of publication as well as expert consensus of clinicians at Children's Healthcare of Atlanta and has been approved by the Medical Staff at Children's. This is general guidance and is not applicable to all patients or settings of care; it may need to be adapted for specific patient/practitioner circumstances. It does not represent a professional care standard governing providers' obligation to patients. Ultimately the patient's physician must determine the most appropriate care. Children's Healthcare of Atlanta is not responsible for any errors or omissions in the clinical pathways or for any outcomes a patient might experience where a clinician used a pathway in the care for that patient © 2024 Children's Healthcare of Atlanta, Inc.

WORRISOME HEADACHE RED FLAGS "SNOOP"

• Systemic symptoms (fever, hypertension, weight changes) or

Secondary headache risk factors (HIV, systemic cancer, recent trauma)

- Neurologic symptoms or abnormal signs (confusion, impaired alertness, or consciousness)
- Onset: sudden, abrupt, or split-second
- Older/Other: new onset at age >50, young age <6, atypical auras
- Previous headache history or headache progression: first headache or different (change in attack frequency, severity, or clinical features)

Eric M. Pearlman, MD, PhD Medical Director, Physician-In-Chief The Children's Hospital at Memorial University Medical Center