This guideline should not replace clinical judgment.

Routine use of opioids or fioricet not advised.

**Inclusion criteria:**
- Previously dx with migraine by Pediatric Neurology and presenting with typical HA
  OR (all of the following)
  - Age 6 or more
  - Frontal in nature (usually bilateral, maybe unilateral or frontotemporal)
  - Associated with photophobia, phonophobia, dizziness, nausea or vomiting

  AND

  - UPT negative if post-pubertal female

**Exclusion Criteria:**
- First episode of headache
- Abnormal neuro exam or funduscopic exam
- VP shunt
- Concern for increased ICP
- Recent trauma
- History of seizure
- Sudden onset HA reaching maximum intensity within 5 minutes

**Sumatriptan Contra-indications**
- Triptan used more than once in past week
- Sickle cell disease
- CAD, dysrhythmia (WPW), or congenital heart disease
- CNS vasculitis/moya-moya
- Zofran within last 24 hours
- Recent MAO-I use

**Flowchart:**
- HA resolved?
  - No
    - IV compazine
    - IN sumatriptan, if not already given, no contraindications, and HA onset within 72 hrs)
    - IV ketorolac if no NSAIDs in previous 6 hours
    - 20ml/kg normal saline bolus, max 1L
    - Benadryl PRN dystonic reaction or agitation
    - HA resolved?
      - No
        - IV magnesium sulfate
        - 2nd 20ml/kg normal saline bolus, max 1L
        - HA resolved?
          - No
            - Consult Neurology for evaluation and consideration for admission. Can give first dose of DHE in ED.
            - DHE contraindicated if triptan or zofran within last 24 hours, ischemic heart disease, uncontrolled hypertension.
          - Yes
            - Send message requesting follow-up with Peds Neuro.
            - No discharge RX needed.
            - D/C with HA diary.
      - Yes
        - No
          - No
            - Yes
Migraine Guideline

Executive Summary

Children's Hospital of Richmond at VCU Migraine Workgroup

Pediatric Neurology Owner: Sanjai Rao, DO
Pediatric Emergency Medicine Owner: Jonathan Silverman, MD
Pediatric Emergency Medicine: Matthew Lemieux, CPNP
Pediatric Emergency Medicine: Mary Frazier Greene, RN
Pediatric Emergency Medicine: Blair Redman, RN
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Approved (August 2021)

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Chair of Child Neurology: Lawrence Morton, MD

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References


Citation

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Example: