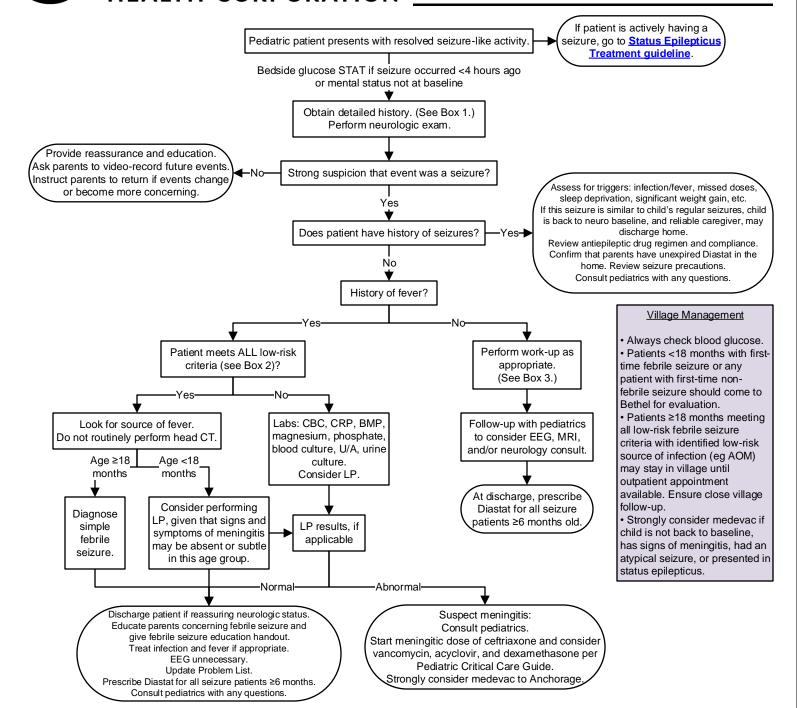
Return to Table of Contents.



Clinical Guideline

Seizure Evaluation (<18 years)



Box 1: Detailed History

- When/where did it occur? Awake or asleep?
- What proceeded the event (eg head trauma, crying, etc.)?
- How long did it last?
- Ask caregiver to recount, step-by-step, what happened.
- Type of movement and what part of body? Symmetric?
- Interventions?
- Incontinence?
- Behavior after event? How long till back to baseline?

HPI

- · Intercurrent illness/fevers
- Medications
- Recent intake, including free water and diluted formula
- Ingestions
- Trauma

PMH

- Prior history of seizures
- History of breathholding

Family Hx: Seizures, febrile seizures, breathholding, etc.

Box 2: Low risk febrile seizure criteria

- 1. 6 months to 5 years of age.
- 2. Fever present.
- Seizure generalized (nonfocal).
- 4. Seizure duration <15 minutes.
- 5. Child has normal neurologic examination
- 6. Child has no history of previous neurologic or CNS abnormality.
- 7. Only one seizure in a 24 hour period.
- 7. Only one seizure in a 24 hour period8. Child has returned to baseline.
- 9. No meningeal signs:
 - Irritability or inconsolability
 - Nuchal rigidity
 - Bulging fontanelle
 - Lethargy or somnolence
 - Focal neurologic findings

10. Child has NOT received antibiotics in the past 72 hours.

Box 3: Work-up

- Bedside glucose
- EKG for first event
- CBC, BMP, magnesium, phosphate
- Urine drug screen
- Perform LP if persistent altered mental status, meningitis suspected, or
 18 months of age and delayed return to baseline.

Radiological studies:

Obtain head CT without contrast prior to LP if concerning neurologic status, persistently altered mental status, history of trauma, focal neurological findings, or focal seizure.

Consider using the <u>Bacterial</u>
<u>Meningitis Score for</u>
<u>Children</u> to help rule-out
meningitis.

general use of most patients but may need to be adapted to meet the special needs of a specific patient as determined by the medical practitioner.

Approved by MSEC 8/3/21. Click here to see the supplemental resources for this guideline.

If comments about this guideline, please contact Jennifer_Hampton@ykhc.org.

This guideline is designed for the