

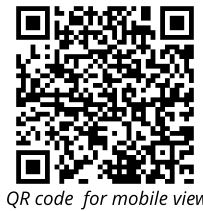
Seizure: First Non-Febrile

Associated Power Plans: EDP First Nonfebrile Seizure Pathway; Discharge Seizure Rescue Medications Pathway



Children's Mercy
KANSAS CITY

Evidence Based Practice



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Exclusion Criteria

- < 3 months of age
- Unimmunized or under-immunized if < 6 months of age
- Concurrent fever, refer to the [Febrile Seizure Clinical Pathway](#)
- Presenting in status epilepticus (seizure lasting longer than 5 minutes)
- Concerns for [epileptic \(formerly infantile\) spasms](#) (consult Neurology as soon as possible)
- Significant CNS event or surgical intervention within past two weeks; if applicable, refer to the [Shunts \(Neurosurgical\); Infection and Malfunction Clinical Pathway](#)

Off Guideline. Treat underlying cause

Provoked Seizure

- Electrolyte imbalance
- Toxic ingestion or recent medication changes
- History of head trauma or concern for non-accidental trauma (NAT)
- Concern for meningitis

Neurological Baseline

- 4 - 6 hours is a reasonable amount of time for a child to return to baseline following a first unprovoked seizure
- If a child has been treated for seizure (benzodiazepine or other), the recovery period will be affected

- Consult Neurology
- Continue medical stabilization and workup as needed (CBC, BMP, consider urine drug screen)

Infant or child presents with a first non-febrile seizure

Consider the seizure semiology. If not consistent with epileptic seizure, see [alternative diagnosis](#)

Was the seizure provoked?

Is the child well-appearing and back to neurological baseline?

Further work-up in the acute care setting is not indicated

Focal
Non-urgent neuroimaging (MRI without contrast) and EEG, both will be ordered at the Neurology Clinic appointment

Generalized
Neuroimaging is not necessary before EEG is obtained

Discharge

- Call Neurology if there are questions or concerns
- Place referral for non-urgent Neurology Clinic follow-up appointment (*EEG will be ordered at that time*)
- **Provide anticipatory guidance**
- [Prescribe rescue medication, refer to the medication table](#) and use the Discharge Seizure Rescue Medications Pathway power plan

Anticipatory Guidance

- Explain risk of recurrence
- Educate on seizure first aid and management plan
- Discuss age-appropriate seizure precautions
- Provide follow-up plan
- [Frequently asked questions](#)