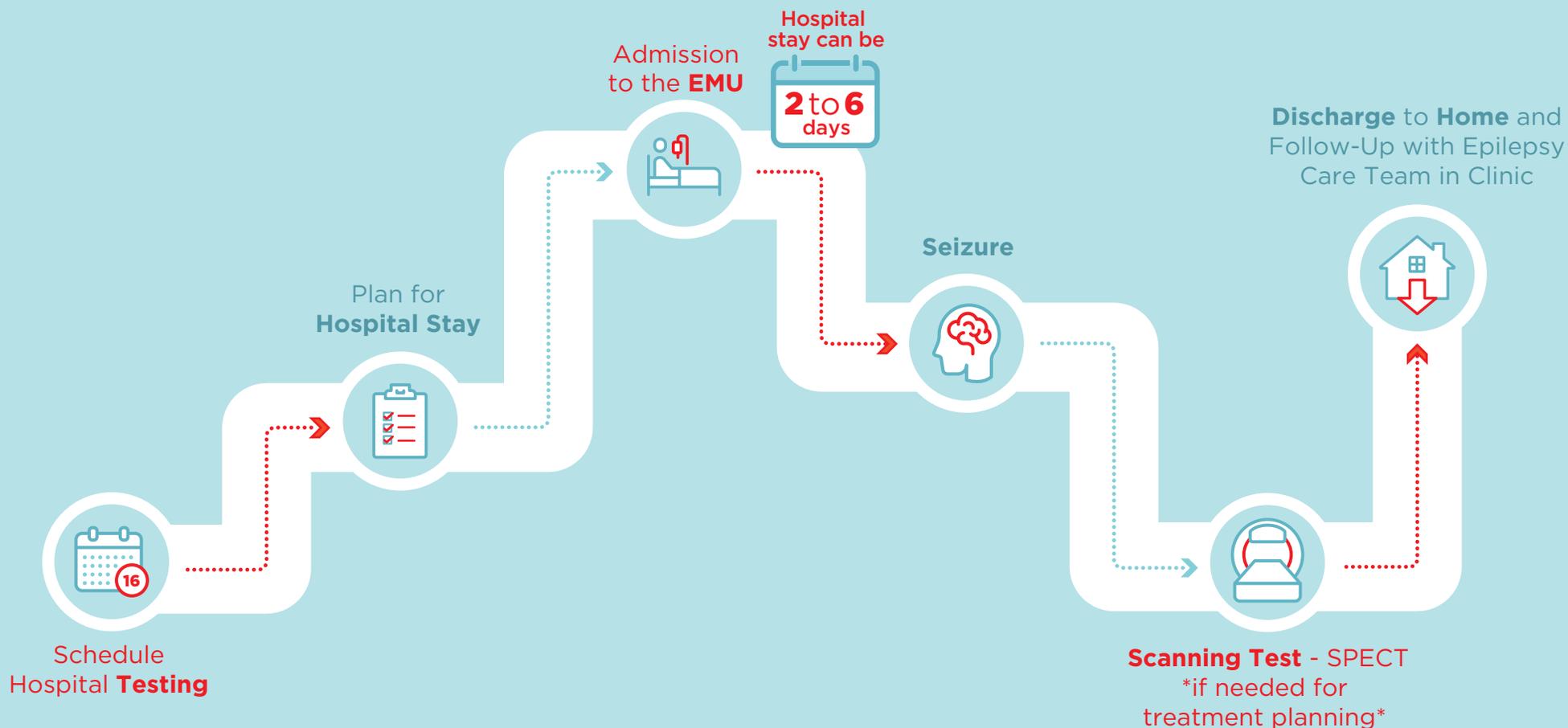


Seizures – Pre-surgical Testing during a hospital stay



Making life better for children.



For more information, scan the QR code.

Seizures – Pre-surgical Testing during a hospital stay



Learn about **pre-surgical Admission**

The goal of an Epilepsy Presurgical Admission is to:

- Get a picture of seizures in the brain
- Find out if your child can have brain surgery to help manage their seizures

Your child will be continuously watched for a seizure during their stay at the hospital

When a seizure begins, a nurse will assess and may give a picture medicine, called a radioactive isotope

This is used to highlight the seizure in the brain on the scan pictures



Prepare for **Admission**

Different than other epilepsy monitoring admissions:

- Caregiver must be always with child
- Up to 6 days at hospital
- Stay only in room
- Stay up late
- Eat only at certain times

Make a coping plan:

- Who will stay with your child?
- Plan comfort items and toys to bring
- What helps your child during medical events like IV or EEG?



Admission to the **EMU**

Caregiver must be in room at all times

Day One:

- Meet epilepsy care team
- Discuss seizure medicines to be used during admission
- Video EEG begins
- IV placed

During stay:

- Caregiver will notify nurse and mark EEG when a seizure starts by pushing a button
- A nurse may stay at bedside during certain hours to give picture medicine if seizure happens



Seizure

- Tell the nurse and push button as soon as you see a seizure begin in your child
- The nurse will assess and may put a picture medicine (radioactive isotope) into the IV to help identify the seizure in the brain on the picture
- You will talk with your care team about what typically causes your child to have a seizure



Scanning Test (SPECT)

2 types of pictures of the brain will be taken in radiology with the picture medicine (radioactive isotope)

- 1- no seizure
- 2- shortly after seizure

The number of seizures and pictures needed can change based on what the doctors are hoping to see in the pictures

If your child needs sedation for scan pictures, this will be given before scans begin



Discharge Home; Follow Up in Clinic

- Restart regular seizure medicines
- Discharge to home
- Review the test results at the next follow-up visit with the epilepsy care team
- Determine next treatment steps