

## SEIZURES WITH CONTRAST

This protocol is used for evaluation of seizures when gadolinium is required.

- Use Sag MPRage for patients under 18 years old and for patients over 18 with a long history of seizures.
- Reconstruct Sag MPRage into axial plane using MPR tool with a thickness of 1.5mm.

1. LOCALIZER
2. SAG T1
3. AXIAL T2 FATSAT
4. AXIAL FLAIR
5. AXIAL 2DFL HEMO
6. COR OBL FLAIR angled perpendicular to hippocampus. Cover entire temporal lobes.
7. COR OBL T2 angled perpendicular to hippocampus. Cover entire temporal lobes.
8. SAG MPR if necessary.
9. DWI

**If Gado, add:**

10. AXIAL T1 PRE
11. GADO AXIAL T1
12. GADO COR T1
13. GADO SAG T1

