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### Congress Abstracts

#### MRI Findings of Flair Sequence in Epileptic Patients

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#### Abstract:

**Background/Objective:** MRI FLAIR sequence has good results in comparison with T1, T2, PD, and FLAIR sequences to study the findings of the epi-leptic patients in FLAIR sequence of MRI.

**Patients and Methods:** 104 patients with the history of previous seizure were studied. MRI was performed at T1, T2, PD, and FLAIR sequences.

**Result:** In our study, 63.47% of patients had abnormal MRI findings. Space occupying lesion in 16.35%, hippocampal sclerosis in 6.73%, brain degenerative lesions in 6.73%, brain developmental malformation in 1.92%, and other lesions in 3.85%.

**Conclusion:** FLAIR sequence of MRI has good results in comparison with standard T1, T2, PD, and FLAIR sequences in the study of cerebral lesions at epileptic patients, especially in low grade tumors. Seizure is one of the most common complications of these tumors. FLAIR sequence is also a challenge on subtle localization recovery, temporal lobe resection.

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