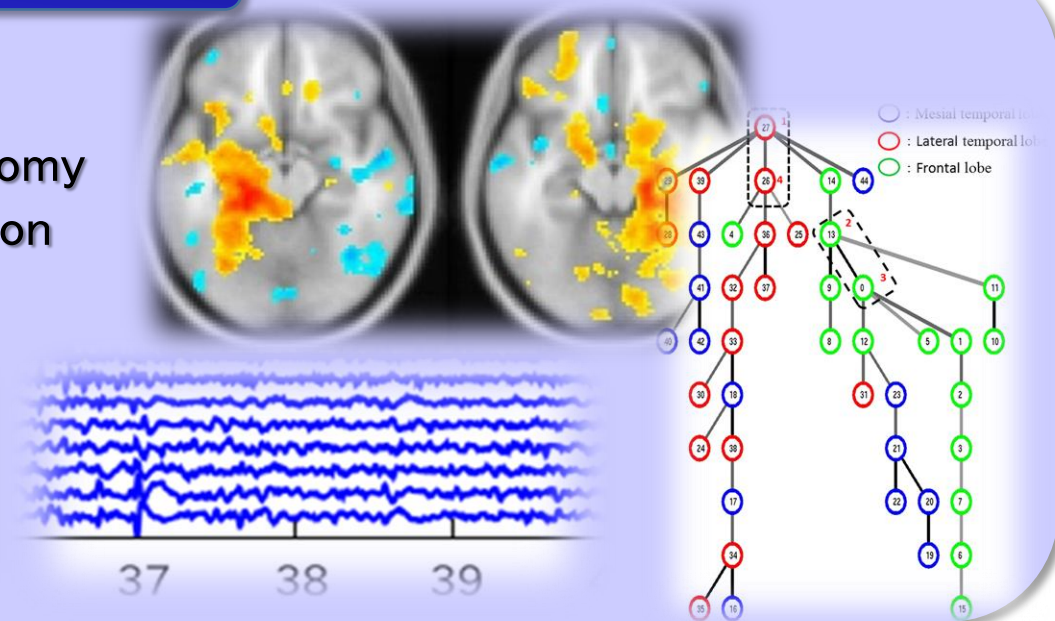
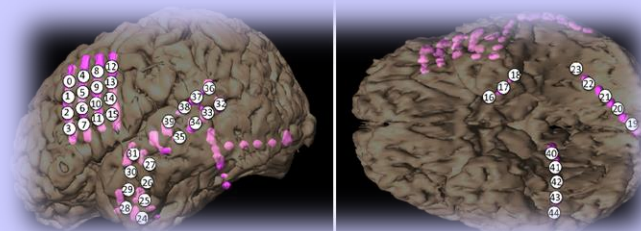


Study on multimodal analysis for understanding mechanisms of epileptic seizure

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Research Area

1. Connectivity analysis of ECoG in patients with epilepsy
2. Resting-state fMRI analysis in patients with corpus callosotomy
3. EEG analysis in patients treated with Vagus Nerve Stimulation
4. Multimodal brain function analysis (ECoG, MEG, PET, MRI)



Recent Activities

- Hisashi Yoshida, Yasuto Yoshioka, Masaharu Miyauchi, Noki Nakano, Amari Kato, "Activity of Epileptiform Discharges during Epileptic Seizure in Temporal Lobe," 8th International Workshop on Biosignal Interpretation, 2016.11 (Osaka, JAPAN)
- Yasuto Yoshioka, Hisashi Yoshida, Masaharu Miyauchi, Noki Nakano, Amari Kato, "Estimation of propagation structure during epileptic seizure in temporal lobe," 37th Annual International Conference The IEEE Engineering Medicine and Biology Society, 2015.