

**NCT No: Not assigned**

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**Validation of Therapeutic Effects of Cefaly on  
Insomnia by Neuroimaging and  
Polysomnography Analyses: a single site,  
single-armed exploratory study**

## **Statistical Analysis Plan**

- 1) At baseline, the demographic data of the patients will be analyzed with descriptive statistics (age, gender, education years, height and weight)
- 2) Changes of Pittsburgh sleep index, Insomnia severity index, and Epworth sleepiness scale, Polysomnography measures, Neuroimaging parameters between baseline and after 4 weeks of intervention will be analyzed with Wilcoxon's signed rank test.