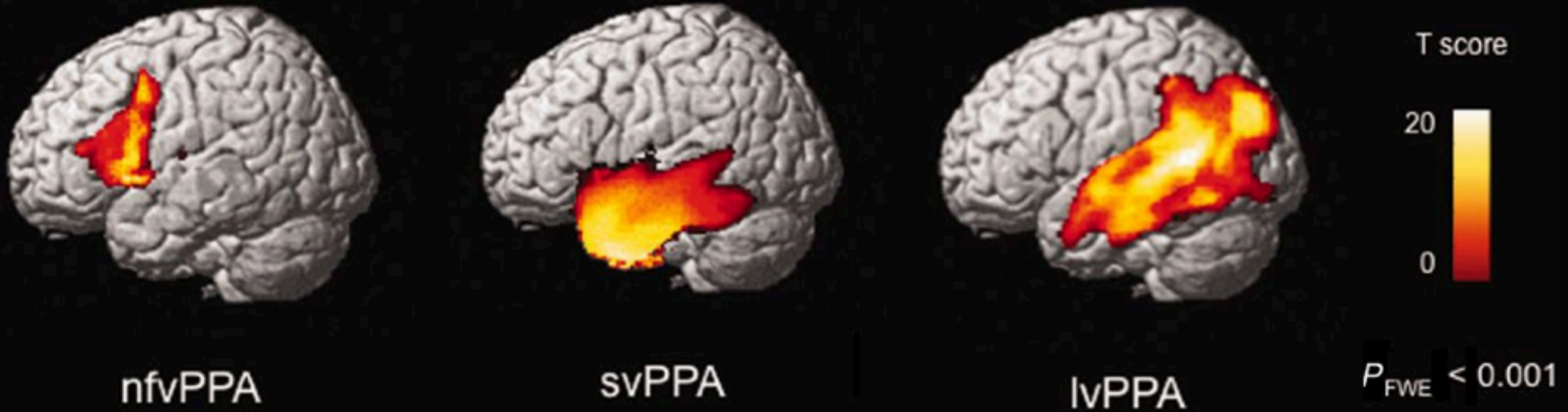
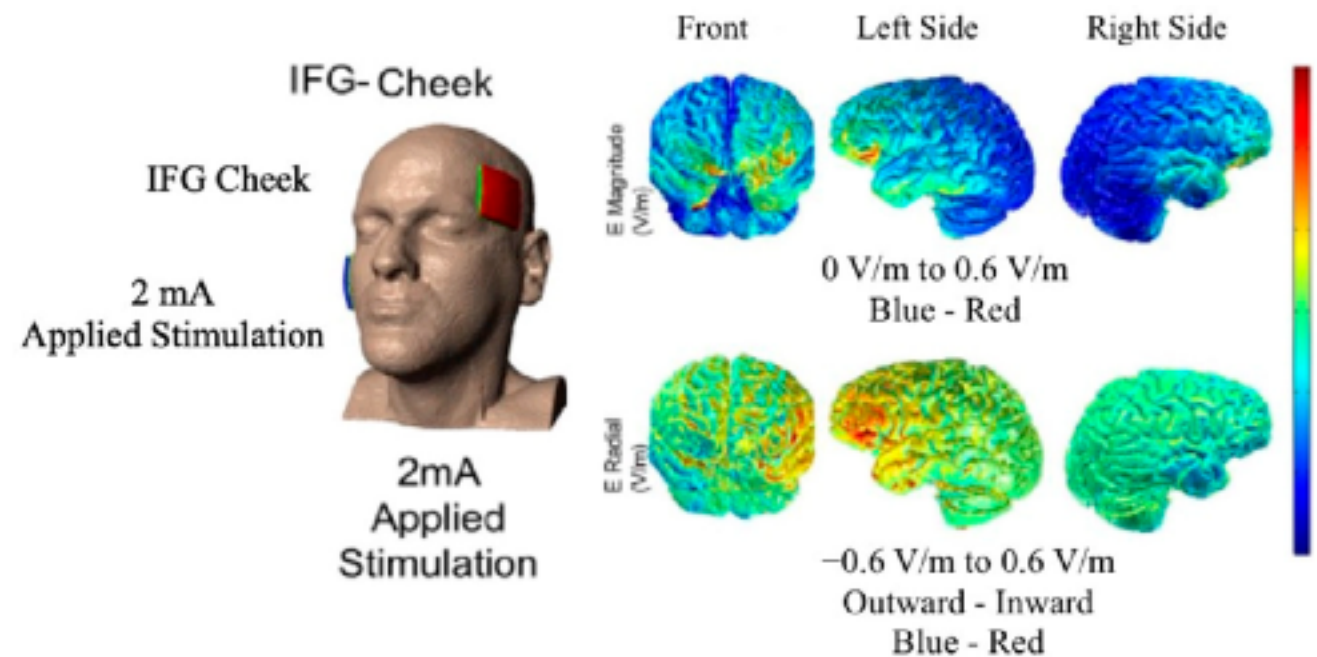


# Primary Progressive Aphasia



# Effects of tDCS on Sound Duration in Patients with Apraxia of Speech in Primary Progressive Aphasia

- **Target:** Left Inferior Frontal Gyrus (Left IFG), a common target for Motor Speech Disorders.
- **Goal:** Improve fluency in patients with nfvPPA and Apraxia of Speech
- **How:** Speech therapy involved repeating words of increasing syllable-length modelled after Dabul's Apraxia of Speech Battery.
- Evaluations took place before, immediately after, and two months post-intervention.
- Words were segmented into vowels and consonants and the duration of each vowel and consonant was measured.



**Figure 1.** Model of current distribution for used stimulation montage, (Themistocleous et al. 2021).