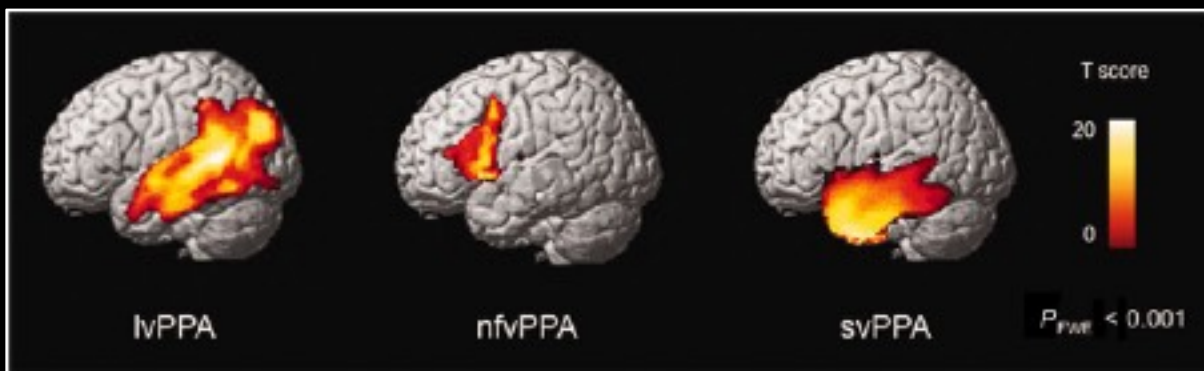
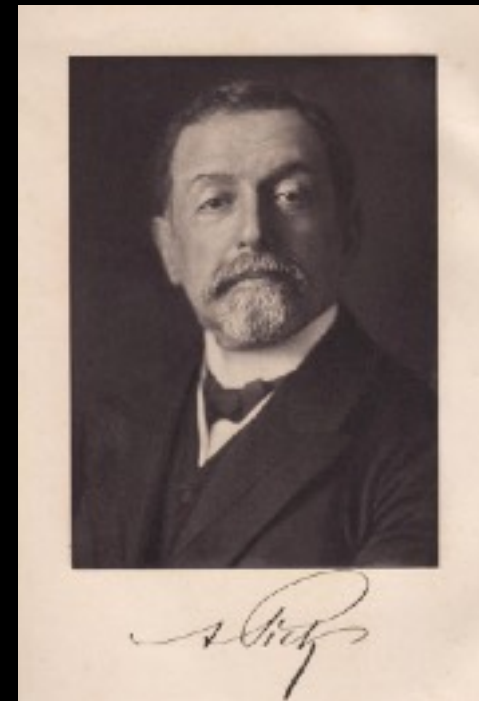


Subtyping patients with Primary Progressive Aphasia (PPA)

Primary Progressive Aphasia



- **Non fluent PPA variant (nfvPPA)**
 - impaired speech articulation or agrammatic speech
 - impaired comprehension of syntactically complex sentences
 - diminished production of verbs and fewer syntactically complex sentences
- **Semantic PPA variant (svPPA)**
 - difficulties in confrontation naming and single word comprehension
 - impaired semantic memory of familiar objects
 - 'empty speech' in verbal production
- **Logopenic PPA variant (lvPPA)**
 - difficulties in word retrieval
 - difficulties in repetition of long words and phrases
 - phonological errors in speech production



- 1892 - Arnold Pick (1851 – 1924)
- 1982 - Marsel Mesulam's seminal paper in 1982,
- 2011 - Gorno-Tempini, M. et al. consensus criteria,