JPND research
EU Joint Programme – Neurodegenerative Disease Research

RECAST

Rebalancing sleep-wake disturbances in Parkinson's Disease with deep brain stimulation

The goal of the RECAST collaborative project is to contribute to the understanding of the mechanisms of deep brain stimulation as a non-pharmacological intervention in Parkinson's disease by collecting and studying multimodal data. In addition to clinical parameters, physiological, imaging, and omics data will be examined using multivariate machine learning methods. In particular, the impact of novel stimulation paradigms on sleep-wake disturbances, which occur in the majority of patients as early symptomatic manifestations and during the course of the disease and represent an important disease modifying factor, will be investigated.

Total Funding : 1.43 M€

Duration : 3 years

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RECAST Project
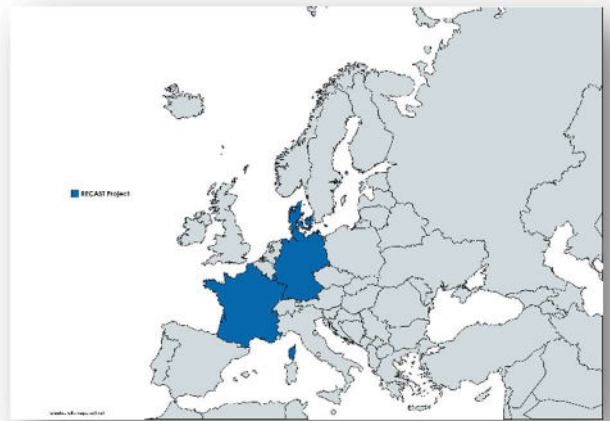
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