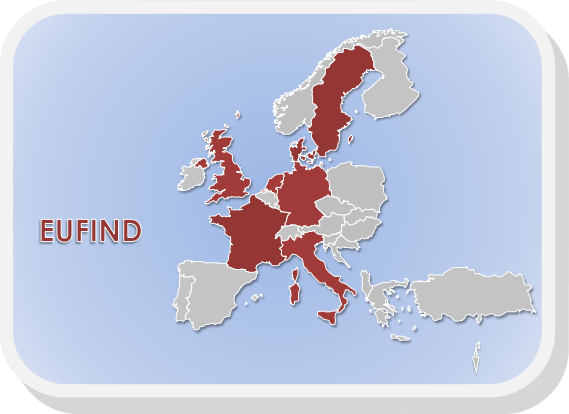
JPND research
EU Joint Programme – Neurodegenerative Disease Research

EUFIND

European Ultrahigh-Field Imaging Network in Neurodegenerative Diseases

For clinical and scientific brain imaging in dementia, magnetic resonance imaging (MRI) at a magnetic field strength of 3 Tesla is the most widely used imaging modality. In Europe, some research sites have more advanced scanners available that allow for more precise brain imaging due to their ultra-high field strength of 7 Tesla. This new imaging technology holds the promise of considerably improving clinical and basic research in dementias. The goal of the EUFIND working group is to identify those areas where 7 Tesla imaging can improve clinical assessment and our understanding of how dementias impact brain structure and function.

Within EUFIND, representatives of twenty 7 Tesla sites across Europe, including leading MRI and dementia experts, have agreed to join forces and identify opportunities and challenges of 7T MRI with the goal of drawing a roadmap for implementing and reporting harmonised ultrahigh-field MRI in dementia. The major clinical focus of EUFIND is Alzheimer's Disease (AD) but with experts in Parkinson's Disease (PD) in the working group we will have the opportunity to optimise and harmonise across these two most common neurodegenerative disorders (as well as discussing extensions to other neurodegenerative diseases).



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