

Neuroplasticity in REM Sleep Behavior Disorder

Status: Recruiting

Eligibility Criteria

Sex: Male or Female

Age Group: 18 years and over

This study is also accepting healthy volunteers

Inclusion Criteria:

1. Diagnosis of isolated iRBD confirmed by sleep study 2. Able to walk independently without the use of an assistive device (e.g., cane) for at least 50 meters. 3. 21 to 75 years old

Exclusion Criteria:

1. Diagnosis of Dementia 2. History of musculoskeletal disorders that significant affect movement of lower or upper limbs 3. Other significant neurological disorders 4. Anti-depressant associated RBD. Individuals will be excluded if their dream enactment emerged or clearly worsened after initiating an antidepressant medication. 5. Meet criteria for overt Parkinson's disease, dementia with Lewy bodies, Multiple Systems Atrophy, Alzheimer's disease, or other neurodegenerative disorder, or other known cause of RBD (e.g., narcolepsy and drug induced RBD). 6. Untreated sleep-disordered breathing 7. Pregnant women

Conditions & Interventions

Conditions:

Brain & Nervous System

Keywords:

Idiopathic REM sleep Behavior Disorder, iRBD, Sleep Disorder

More Information

Description: REM sleep behavior disorder may predict the eventual symptom development of Parkinson's disease, dementia with Lewy bodies, or multiple system atrophy. This occurs over years to decades and the sleep disorder may hide other typical symptoms and result in a delay in diagnosis. We are studying the changes in the brain over two years. We will do high field MRI's (7T) and other tests of neurological function of people who have REM sleep disorder and people who don't have this disorder (matched for age and sex).

Study Contact: Joshua De Kam - jadekam@umn.edu

Principal Investigator: Colum MacKinnon

IRB

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