

A new form of deep brain stimulation to treat gait and balance disorders in Parkinson's disease

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Question

Name of Fellow

Dr Arthur Thevathasan

Related

Institution

Funder

NHMRC

Contact information of fellow

Country

Australia

Title of project/programme

A new form of deep brain stimulation to treat gait and balance disorders in Parkinson's disease

Source of funding information

NHMRC

Total sum awarded (Euro)

€ 149,489

Start date of award

01/01/13

Total duration of award in years

4.0

The project/programme is most relevant to:

Parkinson's disease & PD-related disorders

Keywords

parkinson disease | gait disorders | falls | neurophysiology | neurosurgery

Research Abstract

Over 64,000 Australians have Parkinson's disease. Most patients with Parkinson's disease ultimately develop gait 'freezing' and poor balance, which impair quality of life and cause falls. Unfortunately, gait freezing and poor balance often don't improve with conventional treatments. We are therefore developing a new treatment for these symptoms, which involves implanting a pacemaker into a very deep brain region called the "Pedunculopontine Nucleus".

Types:

Fellowships

Member States:

Australia

Diseases:

Parkinson's disease & PD-related disorders

Years:

2016

Database Categories:

N/A

Database Tags:

N/A