

# Improving a new form of deep brain stimulation to treat gait and balance disturbance in Parkinson's disease

<https://neurodegenerationresearch.eu/survey/improving-a-new-form-of-deep-brain-stimulation-to-treat-gait-and-balance-disturbance-in-parkinsons-disease/>

## Principal Investigators

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## Institution

University of Melbourne

## Contact information of lead PI

### Country

Australia

## Title of project or programme

Improving a new form of deep brain stimulation to treat gait and balance disturbance in Parkinson's disease

## Source of funding information

National Health and Medical Research Council

## Total sum awarded (Euro)

€ 135,555

## Start date of award

01/01/2014

## Total duration of award in years

3

## Keywords

### 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 helping to develop a new treatment for these symptoms, which involves implanting a pacemaker into a very deep region in the brain called the "Pedunclopontine

Nucleus'.

**Further information available at:**

**Types:**

Investments < €500k

**Member States:**

Australia

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A