

# Evaluation of patients with Motor Neuron Disease who have a specific genetic mutation

<https://neurodegenerationresearch.eu/survey/evaluation-of-patients-with-motor-neuron-disease-who-have-a-specific-genetic-mutation/>

## **Name of Fellow**

Dr Nimeshan Geevasinga

## **Institution**

## **Funder**

NHMRC

## **Contact information of fellow**

## **Country**

Australia

## **Title of project/programme**

Evaluation of patients with Motor Neuron Disease who have a specific genetic mutation

## **Source of funding information**

NHMRC

## **Total sum awarded (Euro)**

€ 54,469

## **Start date of award**

01/01/14

## **Total duration of award in years**

3.0

## **The project/programme is most relevant to:**

Motor neurone diseases

## **Keywords**

motor neuron disease (mnd) | neurophysiology | transcranial magnetic stimulation (tms) | nerve excitability | electrophysiology

## **Research Abstract**

Motor Neuron Disease (MND) is a rapidly progressive neurological illness. A new genetic mutation C9ORF72 has recently been identified as a cause of MND. Little is known about the neurophysiological properties in these patients. We wish to better characterise the nerve function in these patients, using a new technique; 'Threshold tracking transcranial magnetic stimulation' and other existing neurophysiological techniques.

**Types:**

Fellowships

**Member States:**

Australia

**Diseases:**

Motor neurone diseases

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A