

# Non-motor symptoms of people with Parkinson's in black African/Caribbean and South Asian population in London: case control study and biomarkers and non-motor subtypes evaluation

<https://neurodegenerationresearch.eu/survey/non-motor-symptoms-of-people-with-parkinsons-in-black-africancaribbean-and-south-asian-population-in-london-case-control-study-and-biomarkers-and-non-motor-subtypes-evaluation/>

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### Country

United Kingdom

## Title of project or programme

Non-motor symptoms of people with Parkinson's in black African/Caribbean and South Asian population in London: case control study and biomarkers and non-motor subtypes evaluation

## Source of funding information

Parkinson's UK

## Total sum awarded (Euro)

€ 45,057

## Start date of award

01/02/2015

## Total duration of award in years

1

## Keywords

Research Abstract

Impact of ethnicity on Parkinson's symptoms have been poorly investigated although pilot studies from our group and others have suggested important differences in the past between white Caucasians, black African/Caribbean and South Asian population with Parkinson's. A key difference was different responses to dopaminergic therapy as well as the range of non-motor symptoms (NMS). Similar examples exist for instance in relation to racial differences in hypertension, diabetes mellitus and multiple sclerosis. We feel the proposed project is innovative because:

1. It will be the world first for non-motor profiling and burden assessment of non-white subjects from a well-established local database comparing to a balanced white Caucasians people with Parkinson's (PwP) population.
2. It will address the economic, social (for instance non-declaration of NMS) and clinical impact of NMS on black African/Caribbean and South Asian population in PwP for the first time.
3. It will endeavour to establish non-motor subtypes of Parkinson's in non-white PwP as well as natural history and treatment effect (longitudinal study). The work will lay the basis for a larger international study addressing proposed ethnic differences in NMS and a search for biomarkers.

**Further information available at:**

**Types:**

Investments < €500k

**Member States:**

United Kingdom

**Diseases:**

N/A

**Years:**

2016

**Database Categories:**

N/A

**Database Tags:**

N/A