Development and Implementation of Neuroimaging Analysis in Dementia

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Name of Fellow

Dr Robin Holmes

Institution
Funder

NIHR

Contact information of fellow
Country

United Kingdom

Title of project/programme

Development and Implementation of Neuroimaging Analysis in Dementia

Source of funding information

NIHR

Total sum awarded (Euro)

€ 466,557

Start date of award

01/03/14

Total duration of award in years

4.0

The project/programme is most relevant to:

Alzheimer's disease & other dementias

Keywords

Dementia

Research Abstract
The NHS annually spends £50-100M on brain scanning but recognising the signs of dementia in

scans is difficult. Comparing patient scans to images of healthy volunteers using analysis software is helpful and has been shown to improve the accuracy of diagnosis. However this technique is not routinely used as it is complicated and difficult to ensure it is producing accurate results. Therefore we have developed new devices to calibrate brain scanners so that the analysis software is more accurate. We will also provide training in the use of the software to clinicians using imaging case studies.

Types:
Fellowships

Member States:
United Kingdom

Diseases:
Alzheimer's disease & other dementias

Years:
2016

Database Categories:
N/A

Database Tags:
N/A