

# WONDER : interventions for wandering and other behavioral disturbances of persons with dementia in residential care by personalized robot interactions

<https://neurodegenerationresearch.eu/survey/wonder-interventions-for-wandering-and-other-behavioral-disturbances-of-persons-with-dementia-in-residential-care-by-personalized-robot-interactions/>

## Principal Investigators

QBMT NV

## Institution

QBMT NV

## Contact information of lead PI

### Country

Belgium

## Title of project or programme

WONDER : interventions for wandering and other behavioral disturbances of persons with dementia in residential care by personalized robot interactions

## Source of funding information

Flanders Innovation & Entrepreneurship

## Total sum awarded (Euro)

€ 731,448

## Start date of award

01/10/2015

## Total duration of award in years

2.0

## The project/programme is most relevant to:

Alzheimer's disease & other dementias|Motor neurone diseases

## Keywords

## Research Abstract

WONDER aims to develop an automated and interactive 24/7 care service with Zora — a humanoid robot, successfully used for entertainment and therapy in about 130 Belgian nursing homes. Its goal is to use Zora to trigger positively charged personal memories in persons with dementia, and thus reassure and calm them. On the one hand, the project aims to automatically detect behavioural disturbances in nursing home residents. On the other hand, it explores how Zora can walk around semi-autonomously and interact personally with different residents, as a useful support tool for nurses and caregivers.

### **Lay Summary**

**Further information available at:**

#### **Types:**

Investments > €500k

#### **Member States:**

Belgium

#### **Diseases:**

Alzheimer's disease & other dementias, Motor neurone diseases

#### **Years:**

2016

#### **Database Categories:**

N/A

#### **Database Tags:**

N/A