

# Predicting perioperative cognitive disorders in the elderly based on cardiovascular risk, AD risk and new biomarkers

<https://neurodegenerationresearch.eu/survey/predicting-perioperative-cognitive-disorders-in-the-elderly-based-on-cardiovascular-risk-ad-risk-and-new-biomarkers/>

## **Name of Fellow**

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## **Institution**

## **Funder**

NHMRC

## **Contact information of fellow**

## **Country**

Australia

## **Title of project/programme**

Predicting perioperative cognitive disorders in the elderly based on cardiovascular risk, AD risk and new biomarkers

## **Source of funding information**

NHMRC

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

€ 319,987

## **Start date of award**

01/01/16

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

4.0

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

Alzheimer's disease & other dementias

## **Keywords**

dementia-related decline in memory | population health | biomarkers | prevention | early

diagnosis

### **Research Abstract**

Anaesthesia and surgery are common in the elderly and are known to lead to memory and thinking problems. Why this happens is unclear. I plan to study confusion, memory and thinking problems before and after surgery and to determine if blood or cerebrospinal fluid tests or modifying cardiovascular disease can predict this happening. This work will lead to early identification of people who are at risk of cognitive problems following anaesthesia and surgery, and ways to prevent this happening.

### **Types:**

Fellowships

### **Member States:**

Australia

### **Diseases:**

Alzheimer's disease & other dementias

### **Years:**

2016

### **Database Categories:**

N/A

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