

# Prospective study of individuals at risk for spinocerebellar ataxia type 1, type 2, type 3 and type 6 (SCA1, SCA2, SCA3, SCA6)

<https://www.neurodegenerationresearch.eu/cohort/prospective-study-of-individuals-at-risk-for-spinocerebellar-ataxia-type-1-type-2-type-3-and-type-6-sca1-sca2-sca3-sca6/>

## Cohort Acronym

RISCA

## Cohort type

Rare neurodegenerative condition

## Disease

Spinocerebellar ataxia (SCA)

## Participant type

At-risk diagnosis

## Profile

Recruitment Period

Sample size at start or planned sample size if still recruiting 300

Estimated Current Sample Size 0 to 4,999

Age at Recruitment >18

Gender Male and Female

Abstract

The aim of RISCA is to answer the following questions:

1. What is the incidence of disease manifestation in mutation carriers?
2. Which clinical signs precede the onset of manifest ataxia in SCA1, SCA2, SCA3 and SCA6?
3. What are the prevalence and incidence of preceding signs?
4. Are the prevalence and incidence of preceding signs affected by genotype, gender, age, estimated time until disease manifestation and repeat length?
5. Does the presence of certain preceding signs predict the manifestation of ataxia?
6. Are there MRI alterations that precede the onset of ataxia?

Study participants are followed at 24 months intervals over six years and then at irregular intervals. At each visit, study participants are asked in a structured interview for a number of predefined clinical signs that potentially precede the onset of ataxia.

*Last update – 26/05/2017*

Country Germany

**Contact details**

Institution name

Website [http://www.ataxia-study-group.net/html/studies/risca?clps1708\\_1624951375=1](http://www.ataxia-study-group.net/html/studies/risca?clps1708_1624951375=1)

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Funders (Core support) E-Rare program

## Variables Collected

### **Brain related measures:**

Cognitive function, Mental health

### **Functional rating:**

Individual physiological, Individual psychological

### **Anthropometric:**

Height, Weight

### **Physical:**

N/A

### **Biological samples:**

Blood, Urine

### **Genotyping:**

N/A

### **Brain imaging:**

N/A

### **Brain banking:**

N/A

### **Lifestyle:**

Alcohol, Physical activity, Smoking

### **Socio-economic:**

N/A

### **Health service utilisation:**

N/A