



Thank you for participating in the PROSPAX Natural History Study!

This study, funded by the European Joint Programme on Rare Diseases (EJP RD), aims to monitor people with genetically-confirmed ARSACS or SPG7 over 2 years, measuring the progression of their condition compared to healthy individuals.

WHAT IS PROSPAX?

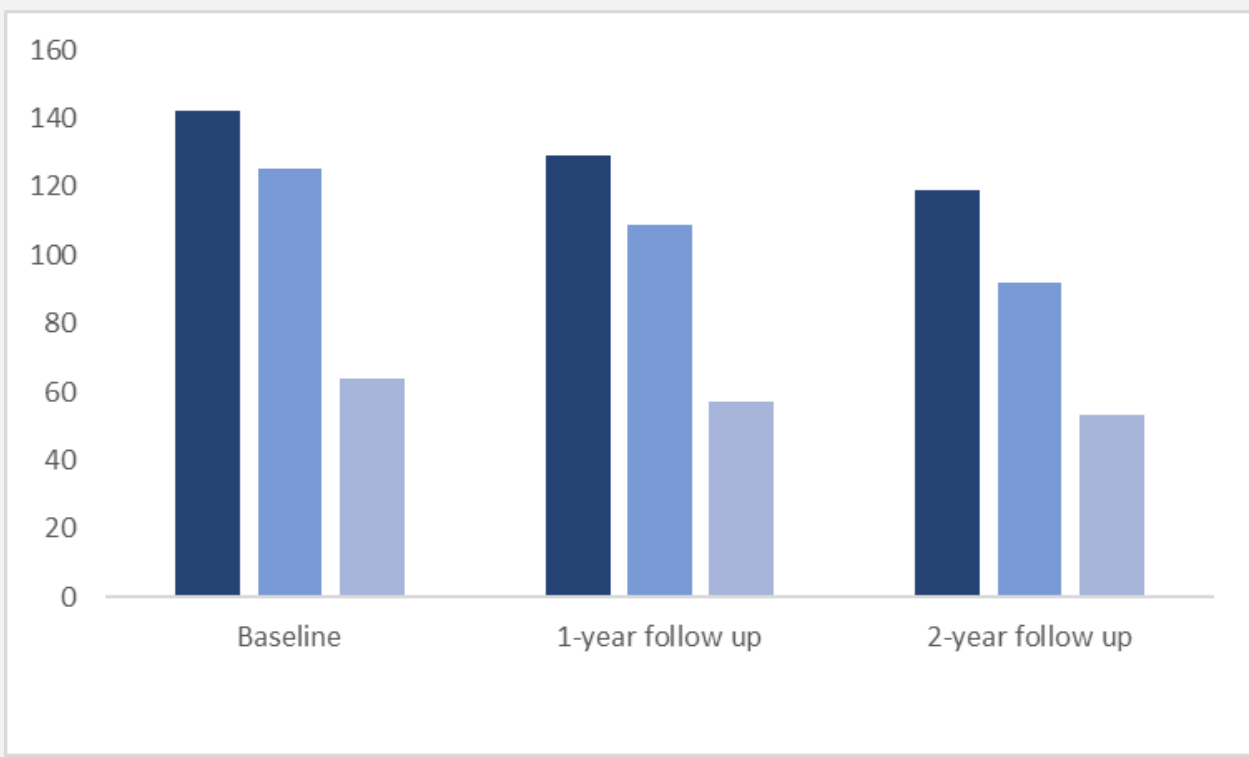
The PROSPAX (PROgression chart of SPAsitic ataXias) project, which focuses on Autosomal Recessive Spastic Ataxia of Charlevoix-Saguenay (ARSACS) and Spastic Paraplegia Type-7 (SPG7), is a collaborative effort between neurologists across several sites throughout Europe and Canada. The overall aim is to gain a better understanding of how spastic ataxias progress over time to prepare well-designed treatment trials for these conditions that will be applicable to many of the >100 other spastic ataxias. This is called 'trial-readiness'.

WHICH DATA IS BEING COLLECTED FROM THE ASSESSMENTS?

CLINICAL	DIGITAL	SELF-REPORTED	IMAGING	BIOMARKER
<ul style="list-style-type: none"> Scale for the Assessment and Rating of Ataxia (SARA) score at baseline, Y1 & Y2 Spastic Paraplegia Rating Scale (SPRS) score at baseline, Y1 & Y2 ARSACS Disease Severity Index at baseline, Y1 & Y2 	<ul style="list-style-type: none"> Assessment of walking pattern and movement with body-worn sensors (APDM wearables). Assessment of upper limb movement and foot tapping with a force sensor (Q-motor) 	<ul style="list-style-type: none"> Specific aspects of physical, mental and social health monitored via questionnaires at baseline, Y1 & Y2 	<ul style="list-style-type: none"> Optical Coherence Tomography (OCT) to capture the thickness of the retina layer of the eye MRI brain scans to map the structures underlying SPG7 and ARSACS to assess progression 	<ul style="list-style-type: none"> Blood-based biomarkers which can show signs of nerve damage

*For some of the above categories of the study, only some subsets of participants are involved

NUMBER OF PARTICIPANTS RECRUITED



■ SPG7
 ■ ARSACS
 ■ Healthy controls

Cambridge, England Paris, France

Tübingen and Essen, Germany  Pisa, Italy

Nijmegen, Netherlands Istanbul, Turkey

Quebec, Montreal and Saguenay, Canada

PARTICIPANTS RECRUITED FROM 7 COUNTRIES