



A condition- specific patient reported outcome measure to capture the impact of Giant cell arteritis and its treatment - from the patient perspective

- GCAPRO contains 30 items within 4 domains
- Validated outcome measure for research and clinical practice

Acute Symptoms

- Headaches
- Jaw and teeth
- Joints
- Sight
- Chest pain
- Dizziness
- Earache
- Scalp tenderness

Psychological

- Tiredness/fatigue
- Sleep
- Appearance concerns
- Angry or irritable
- Concentration
- Unhappy
- Worried or anxious

Activities of daily living

- Lifting arms
- Using eyes
- Routine tasks
- Getting out of bed
- Lifting heavy objects
- Unsteadiness
- Walking up stairs

Participation

- Travelling from home
- Getting together
- Life dominated by GCA
- Exercising
- Hobbies
- Social activities
- Everyday responsibilities
- Travelling locally

The GCA-PRO

SYMPTOMS

Patient Study ID Number:

The following questions ask about symptoms and problems sometimes reported by people with GCA. For each question please tick one box for the answer that best applies to you.

During the past 7 days, due to your GCA or its treatment, how would you rate your experience of the following.....

		None	Mild	Moderate	Severe
1	Headaches	☐	☐	☐	☐
2	Pain, discomfort or stiffness in and around your jaw or teeth	☐	☐	☐	☐
3	Painful, aching joints e.g. neck, shoulders, arms, hips, or legs	☐	☐	☐	☐
4	Problems with your sight e.g. loss of vision, blurred vision, colour changes	☐	☐	☐	☐
5	Tiredness or fatigue	☐	☐	☐	☐
6	Chest pain, discomfort or tightness	☐	☐	☐	☐
7	Dizziness or feeling light-headed	☐	☐	☐	☐

Qualitative Phase

- 36 patients with GCA from the UK and Australia
- In-depth interviews, development of candidate items
- Piloting, linguistic evaluation and cognitive interviews

Robson *Rheumatology* 2021

Validation Study

- 428 patients with GCA from NHS rheumatology and ophthalmology centres
- Rasch/ factor analysis
- Known groups/test-retest/ construct and convergent validity

Ndosi *Rheumatology* 2024