# **Refining Items in the Long-Term Conditions Questionnaire (LTCQ):** Cognitive Interviews, Stakeholder Feedback and Translatability Assessment

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## Introduction

- Long-term chronic conditions are the main challenge of health and social care services today due to their increasing prevalence and complexity, including multi-morbidity.
- Monitoring patent perspectives of their health and well-being is a key focus of UK health care policy. Professional and lay stakeholders support the development of a new measure for long-term conditions (LTCs).
- This work builds on initial item development for the Long-Term Conditions Questionnaire (LTCQ) [Poster 3037], a short self-report measure for people living with a broad range of LTCs (including physical and mental health).
- The LTCQ is intended to be used across both health and social care services, on its own or as a complement to the EQ-5D.



# Methods

- Three rounds of **cognitive interviews** were undertaken with people living with a wide range of LTCs. Participants completed the LTCQ in the presence of the interviewer and then discussed their responses. Interviews were audiorecorded and focused on the content, meaningfulness and usefulness of the LTCQ.
- Professional and lay **stakeholders** were mailed the draft LTCQ and prompted to comment on its content and relevance.
- A translatability assessment was undertaken for seven diverse languages: Arabic, French, Polish, Punjabi, simplified Chinese, Urdu, and the original English.
- **Items were reviewed and revised** by the authors at the end of each step of the process (four revisions in total).

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### **Stakeholder Consultation Cognitive Interviews, round 2** 5 lay responses (draft 1), then 9 participants (5 women, 4 13 professional responses men), age range 45-80 years The measure covered items of **Experience of 11 LTCs** value and importance to LTCs Took 1-7 minutes to complete Broad relevance across health Two items added and two items extensively revised **Translatability Assessment** Specialist assessment for potential use of the LTCQ in seven diverse languages No fundamental concerns Minor revision to five items for greater clarity

# Summary

- with potential users.
- All 20 refined items were found to be relevant, indicating content validity.
- health and social care services.
- A rigorous translatability assessment raised no



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quality and outcomes of person-centred care olicy research unit

The LTCQ has undergone extensive cognitive testing

Stakeholders confirmed the LTCQ's broad relevance for both mental and physical health conditions, and across

fundamental concerns for the LTCQ's use in other languages but prompted further clarification of items.

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