Final Report for the IMAB-Q Study:
Validation and Feasibility Testing
of a Novel Questionnaire to Identify Barriers to
Medication Adherence

Tracey J Brown¹; Michael Twigg¹; Natalie Taylor²; Claire Easthall³;
Jenny Hartt⁴; Tony Budd⁴; Zhicheng Li²; Alexandra Dima⁵; Debi Bhattacharya¹

¹ University of East Anglia, Norwich, NR4 7TJ, UK
² Australian Institute of Health Innovation, Macquarie University, NSW 2109, Australia
³ University of Leeds, Leeds, LS2 9JT, UK
⁴ Lay advisors, Norwich, UK
⁵ Department of Communication Science, University of Amsterdam, Amsterdam, Netherlands

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Main Messages

- Between a third and a half of patients prescribed medicines for long term conditions do not take them as prescribed.
- There is no effective tool for determining patient barriers to adherence in order to guide implementation of appropriate support.
- We report testing of the Identification of Medication Adherence Barriers Questionnaire (IMAB-Q) which was developed by the research team to identify patient barriers to adherence in routine care.
- Nine pharmacies distributed the IMAB-Q to patients. A small sample of patients completed the questionnaire twice to test reliability. Pharmacists used IMAB-Q in medicines use reviews (MURs) to explore feasibility in practice and were interviewed to capture their thoughts and experiences of using it.
- The pharmacists thought IMAB-Q could be useful for identifying adherence barriers in an MUR and especially for raising topics not routinely discussed.
- A valid response to all 30 IMAB-Q questions was obtained from 608 (92.12%) completed questionnaires indicating good readability. The most common adherence barriers were emotions and beliefs about consequences which are not topics routinely discussed during MURs.
- Analysis defined a 10 item IMAB-Q which accurately identified non-adherent patients as they were significantly \((p = 0.001)\) more likely to report barriers to adherence. The IMAB-Q was reliable when repeated.
- In the future we plan to test whether the 10 item IMAB-Q helps pharmacists to select appropriate interventions for non-adherent patients to improve health outcomes. We intend that IMAB-Q be used as a standard tool to guide and thus improve MURs and other adherence related consultations.