The decision-making process in recommending electronic communication aids for children and young people who are non-speaking: the I-ASC mixed-methods study

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Declared competing interests of authors: David Meads was previously a member of the National Institute for Health Research (NIHR) Health Technology Assessment programme Prioritisation Panel (2013–17) and is currently a member of the NIHR Programme Grants for Applied Research subpanel (2017–present).

Published November 2020
DOI: 10.3310/hsdr08450

Plain English summary

I-ASC – Identifying Appropriate Symbol Communication
Health Services and Delivery Research 2020; Vol. 8: No. 45
DOI: 10.3310/hsdr08450

NIHR Journals Library www.journalslibrary.nihr.ac.uk
Plain English summary

This research looked at how people choose communication aids and match them to children and young people who cannot speak. The results of the research were used to develop tools and resources. These resources will help professionals, families and young people to make communication aid decisions.

The Identifying Appropriate Symbol Communication (I-ASC) project had two researchers with personal experience of using communication aids. The project also evaluated the success of our public involvement approach.

We held discussion groups with professionals after an assessment appointment. We interviewed children, young people and adults who could tell us about their experiences of how they got their communication aid(s). We interviewed parents and the professionals who knew the communication aid users. We asked professionals to answer two surveys. A total of 354 people were involved in looking at communication aid decision-making and 22 people were involved in the evaluation of the public involvement activities.

The process of deciding what is the best communication aid is not straightforward. Decisions are affected by many things, for example professionals’ experience, access to services or the service structure. These factors vary across the UK.

We found that during actual appointments everyone present focused on the child’s physical access abilities and motivation to use a communication aid. By contrast, when professionals where asked to say what they would do in an imaginary situation (when presented with a description of a young person), they said that they would focus more on language, communication and learning abilities. In addition, things that professionals chose as important were not necessarily the important choices for family members, children and young people.

This research informed the development of guidance tools (URL: https://iasc.mmu.ac.uk/).

The public involvement evaluation suggests that inclusion across all aspects of a research project would benefit from additional resources, for example more staff time, some training and personal support (URL: https://iasc.mmu.ac.uk/publicinvolvement).
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This report

The research reported in this issue of the journal was funded by the HS&DR programme or one of its preceding programmes as project number 14/70/153. The contractual start date was in January 2016. The final report began editorial review in July 2019 and was accepted for publication in January 2020. The authors have been wholly responsible for all data collection, analysis and interpretation, and for writing up their work. The HS&DR editors and production house have tried to ensure the accuracy of the authors’ report and would like to thank the reviewers for their constructive comments on the final report document. However, they do not accept liability for damages or losses arising from material published in this report.

This report presents independent research funded by the National Institute for Health Research (NIHR). The views and opinions expressed by authors in this publication are those of the authors and do not necessarily reflect those of the NHS, the NIHR, NETSCC, the HS&DR programme or the Department of Health and Social Care. If there are verbatim quotations included in this publication the views and opinions expressed by the interviewees are those of the interviewees and do not necessarily reflect those of the authors, those of the NHS, the NIHR, NETSCC, the HS&DR programme or the Department of Health and Social Care.

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