

Developing a minimal dataset in clinical practice for research with children with speech sound disorder

PANEL ORGANISER & AFFILIATION

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Background

Research into intervention for children with speech sound disorder (SSD) is commonly carried out with small samples of participants recruited to a trial, small group study or single case series. While these research designs provide information on how interventions work and who benefits, they can be expensive and time consuming to establish and are sometimes difficult to replicate in a clinical setting. An alternative design is to use existing clinical records as the source data for intervention.

Purpose

This panel presentation will outline the issues involved in developing a minimal dataset for clinical practice leading to a discussion with the audience.

Method

Paper 1 reports a study using retrospective case note analysis to compare outcomes following intervention by either a speech and language therapist or therapy assistant. Paper 2 demonstrates the use of a minimal dataset in Cleft Lip and Palate Services in the UK, including why this was necessary, the speech sample and analysis. Paper 3 examines the longitudinal reliability, sensitivity and specificity of a standardised 10-word screening test for speech with a general population of 3-5-year-olds.

Results

Although a large sample was recruited in study 1, findings were inconclusive because of a lack of comparable clinical data. In contrast, Study 2 has comparable data sets and examples of what achieved will be presented. Study 3 contributes information about change over time. Conclusions: The panel concludes with a discussion with delegates contributing their ideas and justifications for what should be included in a minimal dataset for SSD in clinical practice.

SPEAKERS ON THE PANEL AND THEIR AFFILIATION

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