

Supplemental Material S2. Data extraction form.

The data extraction form was developed, based on the Cochrane checklist of items to consider in data collection (Li et al., 2021). Relevant data from each of the included studies was extracted and recorded in Microsoft Access.

1. Study design
Study aim
Study design (e.g., cluster, cross-over)
Recruitment and sampling
Was there randomization? If yes, how was it achieved? If no, how were groups allocated?
Was there blinding?
Sequence generation and concealment
Incomplete outcome data/selective outcome reporting?
Enrolment start/end
Duration of follow-up
2. Population
Inclusion criteria
Exclusion criteria
Total number (N)
Population description (including diagnostic characteristics & disease severity)
Setting
Region/countries involved
Baseline characteristics Age Sex Comorbidities Socio-economic status Ethnicity
3. Intervention and comparator
Number of intervention groups
Intervention/comparator description Components Delivery method Timing/intensity/frequency Duration of treatment
Implementation description Format and content Staffing and equipment
Intervention/comparator integrity/fidelity/compliance
Co-interventions (for intervention and comparator arm)
4. Utility measures outcomes
Overview
Measurement instrument (e.g., CHU9D) Name of instrument Unit of measurement Upper/lower limits Whether high or low is favourable Clinical thresholds Relevance to study aim

Metric (e.g., change pre/post intervention)
Timing of outcome measurements
Method of collection
Method of aggregation (e.g., mean & <i>SD</i> ; proportion with condition)
Between group estimate (e.g., <i>RR</i> , <i>OR</i> , mean difference)
At each time point
Description (e.g., baseline, 6 months, 12 months)
Number of participants: In each intervention Censored (withdrawn/lost to follow-up)
Result - summary data (e.g., mean & <i>SD</i>)
Estimate of effect (effect size, 95% CI, <i>p</i> value)
Summary/conclusion
Is there any variation in measurement or reporting of the outcome?
Content available/appropriate for meta-analysis?
Were subgroup analyses conducted?
5. Outcomes - cost
Analytic perspective (e.g., health system)
Time horizon
Setting (i.e., study country)
Context and relevance
Cost items included, grouped as: Health sector Other sector (e.g., education) Patient and family Productivity impacts
Resource use (e.g., number of speech path visits)
Unit costs (currency, price year) (e.g., cost per speech path visit)
Discount rate
6. Miscellaneous
Key conclusions & limitations noted by the study authors
Miscellaneous comments from study authors
References to relevant studies
Generalisability of the results
Funding source
Conflicts of interest
Correspondence with study authors required?
Study quality notes (ethical approval, sample size calculation)