

Supplemental Material S2.

Search Terms From Databases

Database	Population		Concept	Context
	Parent	Young Children	Communication	Culture
OVID Medline Epub Ahead of Print, In-Process & Other Non- Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to Present	Parenting/ exp Parent-Child Relations/ Early Intervention, Educational/ Parenting.mp. Parent training.mp. Parent coaching.mp. Parent education.mp. Parent mediated.mp. Hanen*.mp. Home program*.mp. early intervention.mp	Child, Preschool/ Exp Infant/ Exp Child Development/ Toddler*.mp. Infant*.mp. Preschool*.mp Child development.mp. Infant development.mp.	Language/ Exp Communication Disorders/ Exp Language Disorders/ Social Skills/ Language.mp. Communicat*.mp. Social skill*.mp. Pragmatic*.mp. Communication skill*.mp.	Exp Population Groups Culture/ Cultural Diversity/ Cultural Characteristics/ Cross-Cultural Comparison/ Cultural Competency/ Ethnology/ Culturally Competent Care/ Minority Groups/ Cultur*.mp. Cross-cultur*.mp. Cultural adapt*.mp. Cultural difference*.mp. Asian cultur*.mp. Arab* cultur*.mp. African cultur*.mp. Chinese cultur*.mp. Indian cultur*.mp. Indigenous.mp. First nations.mp. Torres strait.mp. Aboriginal.mp. Collectivis*.mp.
OVID Embase 1974 to 2020 September 04	Parenting/ exp Parent-Child Relations/ Early Intervention, Educational/ Parenting.mp. Parent training.mp. Parent coaching.mp. Parent education.mp. Parent mediated.mp. Hanen*.mp. Home program*.mp.	Child, Preschool/ Exp Infant/ Exp Child Development/ Toddler*.mp. Infant*.mp. Preschool*.mp Child development.mp. Infant development.mp.	Communication/ Language/ Exp Communication Disorders/ Exp Language Disorders/ Social Skills/ Language.mp. Communicat*.mp. Social skill*.mp. Pragmatic*.mp. Communication skill*.mp.	Exp Population Groups Culture/ Cultural Diversity/ Cultural Characteristics/ Cross-Cultural Comparison/ Cultural Competency/ Ethnology/ Culturally Competent Care/ Minority Groups/ Cultur*.mp. Cross-cultur*.mp. Cultural adapt*.mp.

	early intervention.mp			Cultural difference*.mp. Asian cultur*.mp. Arab* cultur*.mp. African cultur*. mp. Chinese cultur*. mp. Indian cultur*.mp. Indigenous.mp. First nations.mp. Torres strait.mp. Aboriginal.mp. Collectivis*.mp.
APA PsycInfo 1987 to August Week 5 2020 *note: PsycInfo auto explodes, so have to indicate when not to explode	Parenting/ Exp Parent-Child Relations/ Exp Parent Child Communication/ Early Intervention/ Parent Training/ Parenting.mp. Parent training.mp. Parent coaching.mp. Parent education.mp. Parent mediated.mp. Hanen*.mp. Home program*.mp. early intervention.mp	Exp Preschool Students/ Kindergarten Students/ Exp Early Childhood Development/ toddler*.mp. Infant*.mp. Preschool*.mp Child development.mp. Infant development.mp.	Communication/ Nonverbal Communication/ Verbal communication/ Social Communication/ Language/ Communication Disorders/ exp Language Disorders/ language therapy/ Language.mp. Communicat*.mp. Social skill*.mp. Pragmatic*.mp. Communication skill*.mp.	Exp "Racial and Ethnic Groups"/ "Racial and Ethnic Differences"/ Sociocultural factors/ Cross cultural differences/ Ethnic values/ Cross Cultural Communication/ Exp Cross Cultural Treatment/ "Culture (Anthropological)"/ Minority Groups/ Cultural sensitivity/ Cultur*.mp. Cross-cultur*.mp. Cultural adapt*.mp. Cultural difference*.mp. Asian cultur*.mp. Arab* cultur*.mp. African cultur*. mp. Chinese cultur*. mp. Indian cultur*.mp. Indigenous.mp. First nations.mp. Torres strait.mp. Aboriginal.mp. Collectivis*.mp.
CINAHL Instead of .mp., automatically the default is "title, abstract, subject headings"	(MH "Parenting") (MH "Parent-Child Relations")+ (MH "Parent-Infant Relations") (MH "Early Childhood Intervention") (MH "Early Intervention")	(MH "Child, Preschool") (MH "Infant+") (MH "Child Development") "toddler*" " "infant*" " "preschool*" "	(MH "Communication") (MH "Communicative Disorders+") (MH "Language") (MH "Language Disorders+")	MH "Ethnic Groups+)" (MH "Minority Groups") (MH "Culture") (MH "cultural diversity") (MH "cultural values") (MH "ethnology")

	<p>"parent training"</p> <p>"parent coaching"</p> <p>Hanen*</p> <p>"home program"</p> <p>"parent education"</p> <p>"early intervention"</p> <p>"parent mediated" parenting</p>	<p>"child development"</p> <p>"infant development"</p>	<p>(MH "Communication Skills Training")</p> <p>(MH "Social Skills Training")</p> <p>"Social communication"</p> <p>"communicat*"</p> <p>"language"</p> <p>"social skill*"</p> <p>"pragmatic"</p> <p>"communication skill*"</p>	<p>(MH "Cultural Competence")</p> <p>(MH "Indigenous Peoples+")</p> <p>"cultur*"</p> <p>"cross-cultur*"</p> <p>"cultural adapt*"</p> <p>"cultural difference*"</p> <p>"Arab cultur*"</p> <p>"Asian cultur*"</p> <p>"African cultur*"</p> <p>"Chinese cultur*"</p> <p>"Indian cultur*"</p> <p>collectivis*</p> <p>"indigenous"</p> <p>"first nations"</p> <p>"torres strait"</p> <p>"aboriginal"</p>
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Inclusion and Exclusion Criteria

a) Primary agent of intervention is parents or guardians		
Inclusion	Exclusion	Notes
Parent training	- Primary agents of intervention anyone besides parents or guardians. - Parents not mentioned in abstract	Parents and caregivers should be primary agents of the intervention. At title/abstract , if parents are mentioned as being involved in the intervention, include. At full text , we will assess whether parents are focal agents in the intervention (more than 50% of intervention delivered by parents)
Parent coaching		
Home program		
Parent education		
Parent-led early intervention		
b) Communication Intervention		
Inclusion	Exclusion	Notes
Communication	- Exclude interventions when communication/social skills are not listed as AIMS or OUTCOMES by the authors (e.g., physical, solely behavioural, nutrition, parent mental health or coping) focused - Assessments	Behavioural intervention: Include behaviour interventions at the title/abstract level. At full text , we will assess whether the intervention includes communication aspects as a stated aim or outcome. - For social skills intervention, there needs to be evidence at full text that 'social skills' refers to social communication. Types of studies: At the level of title/abstract , any study discussing an intervention which has been adapted will be included. This includes qualitative studies, protocols for future studies, or other designs. At full text , we will assess if the study has quantitative components.
Language		
Pragmatics		
Social Skills		
Speech		
Communication needs to be stated as an aim <u>OR</u> outcome of the intervention		
c) Young child(ren)		
Inclusion	Exclusion	Notes
At least some of the children in the sample are under age 5:0	None of the sample is under the age of 5:0	- At title/abstract , If the abstract refers to 'child/children', 'school age children', or the other terms listed, we will include at and determine at full text whether the sample has any children under age 5:0.
Uses terms preschooler, toddler, kindergarten, but does not specify age.		
d) Intervention implemented in a different culture		
Inclusion	Exclusion	Notes
Authors state an intention to implement the intervention with a cultural group different than the group it was originally designed for. Examples include <ul style="list-style-type: none">interventions implemented with immigrant families (different culture within the same country)	- Adaptation is not related to cultural adaptation (e.g., age group, gender, child diagnosis, modality). - Low socioeconomic status, without mention of cultural differences. - Exclude multiple studies with the same sample (e.g., two	- At title/abstract , all articles that state or give any indication that an intervention was delivered/implemented/adapted in a sample of a different culture will be included. At full text , articles will be assessed as to whether the cultural differences fit with the chosen definition of culture/cultural adaptation.

<ul style="list-style-type: none"> interventions implemented in a different country and the countries' values, customs, norms, practices, language, or other features (APA 2003, p. 380) are expected to be substantially different from the original group. Interventions implemented with indigenous populations when the original intervention was not designed for this group. 	<p>studies using the identical data set and sample, but reporting different outcomes). Select one study that is most relevant to the research question.</p> <p>- Only language translation if no mention of cultural differences (e.g., translated from English to French in Canada)</p>	
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e) Additional Exclusion Criteria:

- Only include articles published after 1995 (year the EVF framework was published)
- Exclude if full text not in English and no translation available
- Exclude multiple studies using same sample (e.g., 2 studies using the identical data set and sample, but reporting different outcomes). Select **one study** that is most relevant to the research question.
- Types of evidence to exclude:
 - conference abstracts, dissertations, book chapters, commentaries/perspective articles, systematic and scoping reviews, studies with only qualitative components (as we cannot analyze using EVF criteria)