

2022.... The best of!!

Non pharmacological interventions

Review



Non-pharmacological interventions for autistic children: An umbrella review

Autism

1–21

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Abstract

The breadth of available non-pharmacological interventions for autistic children, with varying evidence for efficacy summarised in multiple systematic reviews, creates challenges for parents, practitioners, and policymakers in navigating the research evidence. In this article, we report the findings of an umbrella review of 58 systematic reviews of non-pharmacological interventions for autistic children (aged 0–12 years). Positive therapeutic effects were identified for *Behavioural interventions*, *Developmental interventions*, *Naturalistic Developmental Behavioural Interventions*, *Technology-based interventions*, and *Cognitive Behaviour Therapy* across several child and family outcomes. Positive effects for certain practices

Umbrella review

Sintesi di 58 review sistematiche su interventi non farmacologici in bambini fino a 12 anni con diagnosi di ASD per un totale di 41374 partecipanti tra i 4 mesi e i 65 anni.

27 di queste review vengono valutate come di alta qualità, ma solo poche esaminano anche la qualità della vita e la partecipazione da parte dei bambini stessi.



Domande di ricerca

1. Quali interventi non farmacologici sono stati esaminati precedentemente in review sistematiche?
2. Quali effetti sul bambino sono stati riportati?
3. Quali sulla famiglia?
4. Quali sono le caratteristiche ottimali in termini di intensità, contesti, formati, agente e modello di intervento?
5. Quali sono le caratteristiche del bambino che possono influenzare i risultati dell'intervento?



9 categorie di intervento e almeno 111 tecniche

- Behavioural interventions (8 SRs)
- Developmental interventions (5 SRs)
- NDBIs (7 SRs)
- Sensory-based interventions (9 SRs)
- TEACCH (2 SRs)
- Technology based interventions (11 SRs)
- Animal-assisted interventions (7 SRs)
- CBT (4 SRs) e 'ALTRO' (2 SRs)



Risultati

There was evidence for positive therapeutic effects for some, but not all, interventions. No single intervention had a positive effect for all child and family outcomes of interest. The influence of child and delivery characteristics on effects was unclear.

Solo alcuni interventi possono vantare effetti terapeutici positive e nessun singolo intervento su tutte le dimensioni esaminate



Risultati positivi per

Positive effects on a range of child outcomes for Behavioural interventions, Developmental interventions, NDBIs, Technology-based interventions, and CBT.

Interventi comportamentali, basati sullo sviluppo e NDBI possono vantare effetti positive su un ventaglio di misure di efficacia

