

La base de données médicale Medline/PubMed

The screenshot shows the PubMed.gov homepage. At the top left is the NIH logo and the text "National Library of Medicine National Center for Biotechnology Information". At the top right is a "Log in" button. The main heading is "PubMed.gov". Below it is a search bar with the placeholder text "Search PubMed" and a "Advanced" link. A paragraph below the search bar states: "PubMed® comprises more than 32 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full text content from PubMed Central and publisher web sites."

PubMed est accessible librement sur le web. Toutefois, nous vous conseillons d'y accéder via le catalogue du SCD-UM après identification. Vous bénéficierez ainsi d'un maximum de texte intégral grâce à nos abonnements.



Learn

About PubMed
FAQs & User Guide
Finding Full Text



Find

Advanced Search
Clinical Queries
Single Citation Matcher



Download

E-utilities API
FTP
Batch Citation Matcher



Explore

MeSH Database
Journals

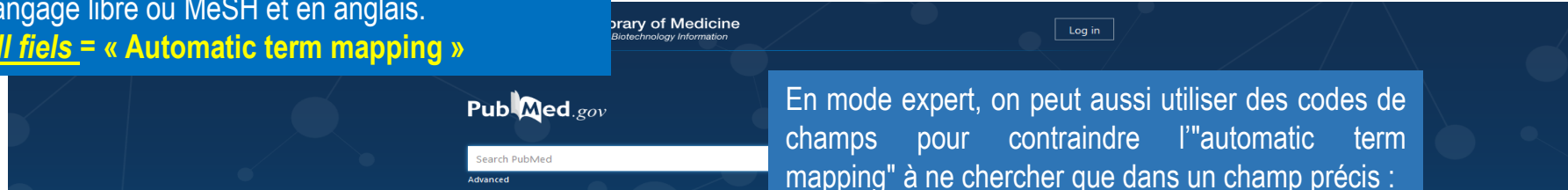
Utiliser la recherche simple dans PubMed?

La recherche simple :

Barre de recherche à la Google : trop de résultats!

Langage libre ou MeSH et en anglais.

All fiels = « Automatic term mapping »



En mode expert, on peut aussi utiliser des codes de champs pour contraindre l'"automatic term mapping" à ne chercher que dans un champ précis :

Ex : Auteur [au] ; Descripteur Mesh [mh] ; Mots du titre [ti] ; Mots du titre et résumé [tiab] ; Mots de la notice [tw]

The image shows a screenshot of the PubMed search results page for the term 'cancer'. The page is titled 'History and Search Details'. There are tabs for 'Search', 'Actions', 'Details', and 'Query'. The search results show a query for 'cancer' with 4,392,667 results. A yellow box highlights the 'Search' tab and the search query. Another yellow box highlights the 'Translations' section, which shows the automatic term mapping for 'cancer'. A blue box labeled 'Historique de recherche' points to the 'Search' tab, and another blue box labeled 'Automatic Term Mapping' points to the 'Translations' section.

Historique de recherche

Automatic Term Mapping

Translations
cancer: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]

Search details :

Lorsqu'on saisit un terme dans la barre de recherche sans préciser un champ, l'Automatic Term Mapping (moteur de recherche de PubMed) va explorer différents index : Mesh terms ; Journals ; Phrases ou expressions ; Author ;

All fiels = beaucoup de résultats.

Les détails de la recherche sont consignés dans votre **historique de recherche**, en cliquant sur >

Langage MeSH / Langage libre

Stratégie de recherche dans PubMed

- ✓ En 1^{ère} intention, faites une recherche via le MeSH Database car vous obtiendrez des résultats pertinents sans faire l'inventaire des synonymes.

- ✓ Mais les notices importées dans PubMed ne possèdent pas toujours une indexation avec les termes MeSH :
 - Références pas encore indexées par les bibliothécaires ou qui ne le seront jamais.
 - Il n'existe pas de descripteurs Mesh pour un terme récent.

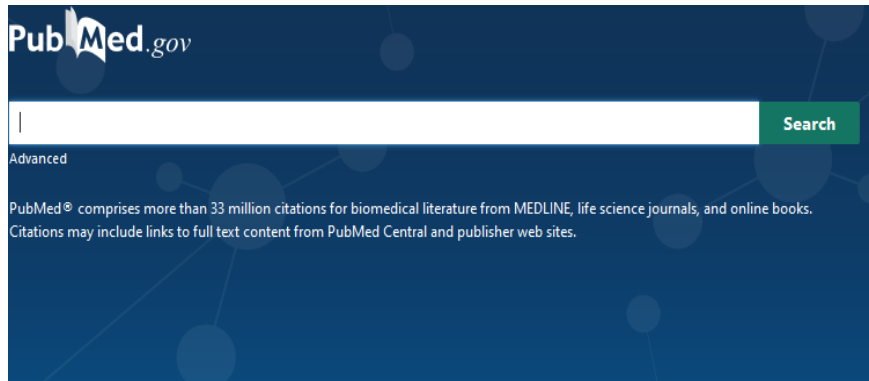
Vous écartez donc des résultats pertinents et récents selon votre domaine de recherche.

1. Utiliser le MeSH Database et construire une équation de recherche

- ✓ Utiliser le Portail terminologique de santé pour repérer les termes MeSH :
Trouver le mot MeSH (anglais)
- ✓ Puis sur la plateforme PubMed, sélectionner **MeSH Database** et chercher votre premier terme MeSH.
- ✓ Utiliser ou non les **qualificatifs** (Subheadings) et les options :
Restrict to MeSH Major Topic
Do not include MeSH terms found below this term in the MeSH hierarchy
- ✓ Cliquer sur « **Add to search builder** » dans la case de recherche.
- ✓ Cliquer sur « **Search PubMed** » pour lancer la recherche.
- ✓ Répéter l'opération pour les termes MeSH à combiner.
(On peut également utiliser la recherche avancée «Advanced» pour combiner les termes.)

2. Utiliser le MeSH Database et construire une équation de recherche

1. Sélectionner MeSH Database



Learn
About PubMed
FAQs & User Guide
Finding Full Text



Find
Advanced Search
Clinical Queries
Single Citation Matcher



Download
E-utilities API
FTP
Batch Citation Matcher



Explore
MeSH Database

3. Utiliser ou non les qualificatifs (Subheadings) et les options

MeSH [Create alert](#) [Limits](#) [Advanced](#) [Help](#)

Full ▾ Send to: ▾ PubMed Search Builder

Cross Infection
Any infection which a patient contracts in a health-care institution.
Year introduced: HOSPITAL INFECTIONS was see under CROSS INFECTION 1971-1978, was see CROSS INFECTIONS 1963-1970

PubMed search builder options
Subheadings:

<input type="checkbox"/> analysis	<input type="checkbox"/> enzymology	<input type="checkbox"/> physiology
<input type="checkbox"/> anatomy and histology	<input type="checkbox"/> epidemiology	<input type="checkbox"/> physiopathology
<input type="checkbox"/> blood	<input type="checkbox"/> ethnology	<input checked="" type="checkbox"/> prevention and control
<input type="checkbox"/> cerebrospinal fluid	<input type="checkbox"/> etiology	<input type="checkbox"/> psychology
<input type="checkbox"/> chemically induced	<input type="checkbox"/> genetics	<input type="checkbox"/> radiotherapy
<input type="checkbox"/> classification	<input type="checkbox"/> history	<input type="checkbox"/> rehabilitation
<input type="checkbox"/> complications	<input type="checkbox"/> immunology	<input type="checkbox"/> statistics and numerical data
<input type="checkbox"/> congenital	<input type="checkbox"/> metabolism	<input type="checkbox"/> surgery
<input type="checkbox"/> diagnosis	<input type="checkbox"/> microbiology	<input type="checkbox"/> therapy
<input type="checkbox"/> diagnostic imaging	<input type="checkbox"/> mortality	<input type="checkbox"/> transmission
<input type="checkbox"/> diet therapy	<input type="checkbox"/> nursing	<input type="checkbox"/> urine
<input type="checkbox"/> drug therapy	<input type="checkbox"/> organization and administration	<input type="checkbox"/> veterinary
<input type="checkbox"/> economics	<input type="checkbox"/> parasitology	<input type="checkbox"/> virology
<input type="checkbox"/> embryology	<input type="checkbox"/> pathology	

Restrict to MeSH Major Topic.
 Do not include MeSH terms found below this term in the MeSH hierarchy.

Tree Number(s): C01.248, C23.550.291.875.600
MeSH Unique ID: D003428
Entry Terms:
• Infection, Cross
• Cross Infections
• Infections, Cross

▾

[Search PubMed](#) [YouTube Tutorial](#)

Related information

PubMed
PubMed - Major Topic
Clinical Queries
NLM MeSH Browser
MedGen

Recent Activity [Turn Off](#) [Clear](#)

- Cross Infection MeSH
- cross infection (1) MeSH
- Down Syndrome MeSH
- down syndrome (28) MeSH
- Alzheimer Disease MeSH

[See more...](#)

4. Cliquer sur Add to search builder

3. Utiliser le MeSH Database et construire une équation de recherche

5. Répéter l'opération pour les termes MeSH à combiner.

MeSH Database interface showing the search builder for 'Hand Disinfection'. The search query is: `(\"Cross Infection/prevention and control\" [Majr:NoExp]) AND \"Hand Disinfection\" [Mesh]`. The interface includes options for adding terms, related information, and recent activity.

6. Cliquer sur **Search PubMed** pour obtenir le résultat de votre recherche

PubMed.gov search results for the query: `\"action/prevention and control\" [Majr:NoExp] AND \"Hand Disinfection\" [Mesh]`. The results page shows 1,187 results, sorted by most recent. The first five results are:

- Students' observations of hand hygiene adherence in 20 nursing home wards during the COVID-19 pandemic. Sandbekken IH, Hermansen Å, Utne I, Grov EK, Løyland B. BMC Infect Dis. 2022 Feb 14;22(1):156. doi: 10.1186/s12879-022-07143-6. PMID: 35164685 Free PMC article.
- Prevention of Infection due to Clostridium (Clostridioides) difficile. Krishna A, Chopra T. Infect Dis Clin North Am. 2021 Dec;35(4):995-1011. doi: 10.1016/j.idc.2021.07.009. PMID: 34752229 Review.
- What are healthcare workers' preferences for hand hygiene interventions? A discrete choice experiment. Chen W, Tseng CL. BMJ Open. 2021 Nov 3;11(11):e052195. doi: 10.1136/bmjopen-2021-052195. PMID: 34732487 Free PMC article.
- Nudging hand hygiene compliance: a large-scale field experiment on hospital visitors. Hansen PG, Larsen EG, Modin A, Gundersen CD, Schilling M. J Hosp Infect. 2021 Dec;118:63-69. doi: 10.1016/j.jhin.2021.09.009. Epub 2021 Sep 22. PMID: 34560166 Free article.
- [Level of Complete Knowledge on Five Moments of Hand Hygiene among Nurses Working at Integrated Nursing Care Service Wards]. Kim E, Jeong IS.

Exercice 1 : faire une recherche avec le MeSH

Exercice :

En utilisant **Hetop** et en passant par le MeSH Database, trouver des références dans PubMed sur **la drépanocytose**

Corrigé de l'exercice :

Dans **Hetop**, « **drépanocytose** » se traduit en vocabulaire MeSH par « **anemia, sickle cell** ».

The image shows a composite of three screenshots illustrating the search process. On the left, the MeSH database search interface is shown with the search term 'anemia, sickle cell' entered. Below the search bar, the MeSH definition for 'Anemia, Sickle Cell' is visible. In the center, a 'PubMed Search Builder' window is open, showing the search term '"Anemia, Sickle Cell"[Mesh]' and options to 'Add to search builder' and 'Search PubMed'. On the right, a PubMed search results page is displayed, showing a list of articles related to sickle cell disease. A red arrow points from the 'Additional filters' button in the PubMed interface to the 'PubMed Search Builder' window, indicating the connection between the two.

Dans PubMed, depuis le répertoire MeSH puis les onglets « Add to Search builder » et « Search builder » donne 22 501 résultats / 18 033 si on restreint la recherche au terme MeSH majeur, sans explosion.

Exercice 2 : faire une recherche avec le MeSH

Exercice :

Faire une recherche dans PubMed en combinant plusieurs descripteurs MeSH

En utilisant **Hetop** et le MeSH Database :

Rechercher des articles sur **l'utilisation des médicaments antibiotiques** (sujet principal, ne pas faire l'explosion) **pour traiter le mal de gorge** (sujet principal, faire l'explosion).

Corrigé de l'exercice :

Dans **Hetop**, « **médicaments antibiotiques** » est un synonyme (rejeté) de « **antibactériens** » (terme retenu) + qualificatif « **Administration et posologie** »

- ✓ En anglais, « **anti-bacterial agents** » + qualificatif « **administration and dosage** »
- ✓ « **Mal de gorge** » se traduit par « **pharyngite** » + qualificatif « **thérapie** »
- ✓ En anglais, « **pharyngitis** » + « **therapy** »
- ✓ Combiner les termes + qualificatifs avec l'opérateur booléen **AND**

Exercice 3 : appliquer des filtres dans une recherche MeSH

Exercice :

Dans PubMed, rechercher des articles en texte intégral sur la **prévention de la chute** (sujet principal) **chez l'homme âgé de plus de 65 ans**.

Limiter la recherche aux revues de la littérature publiées depuis le 1^{er} janvier 2015, en français et en anglais.

Corrigé de l'exercice :

Hetop : « **Prévention de la chute** » : chercher « **chute** » + qualificatif « **prévention** » = MeSH « **chutes accidentelles** » + « **Prévention et contrôle** »

En anglais : « **Accidental falls** » + « **prevention and control** »

L'« **homme âgé de plus de 65 ans** » s'obtient en appliquant les filtres « Sex » et « Ages »

Sélectionner le filtre « Review » (articles de synthèse)

Sélectionner le filtre « Languages »

Sélectionner « Publication dates » et la date requise « 2015/01/01 »

Utiliser la recherche avancée et l'historique

PubMed Advanced Search Builder

PubMed.gov

User Guide

Add terms to the query box

All Fields

- MeSH Major Topic
- MeSH Subheading
- MeSH Terms
- Other Term
- Pagination
- Pharmacological Action
- Publication Type
- Publisher
- Secondary Source ID
- Subject - Personal Name
- Supplementary Concept
- Text Word
- Title
- Title/Abstract

History and Search Details

Search	Actions	Details	Query	Results	Time
#5	...	>	Search: (((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trisomy 21[Title/Abstract])) AND (((interpersonal relations[MeSH Terms]) OR (social interaction[Title/Abstract])) OR (social behavior[MeSH Terms])) OR (communication[Title/Abstract])) AND ((child[MeSH Terms]) OR (infant[MeSH Terms]))	612	12:13:25
#4	...	>	Search: (child[MeSH Terms]) OR (infant[MeSH Terms])	2,656,360	12:05:26
#1	...	>	Search: ((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trisomy 21[Title/Abstract])	27,863	10:23:35

La recherche avancée :

Un accès 41 index et notamment à :

All Fields :

recherche sur toutes les zones de la notice. Inclut les articles récents non indexés par la NLM.

MeSH Major Topic :

sujet principal de l'article

MeSH Terms :

recherche plus ciblée en utilisant le vocabulaire contrôlé MeSH.

Title/Abstract [TIAB] ou Text word [TW] :

recherche sur le titre et le résumé. On peut l'utiliser en complément d'une recherche MeSH. *Emploi possible des tronçatures et des guillemets avec cet index!*

Possibilité de croiser ses recherches grâce à l'historique qui reste actif 8h.

Comment optimiser sa recherche dans PubMed?

Sujet : L'enfant porteur d'une trisomie 21 et ses relations aux autres

AND →

OR ↓

Concepts	Trisomie 21	Relations aux autres	Enfant
Langage naturel Title/abstract Text Word	trisomy 21 mongolism	social interaction communication	Infant
Langage MeSH	Down syndrome	interpersonal relations Social behavior	child
Combinaison des 2 types de recherche	down syndrom OR trisomy 21 OR mongolism	Interpersonal relations OR social interaction OR social behavior OR communication	child OR infant

History and Search Details

Download Delete

Search	Actions	Details	Query	Results	Time
#5	...	>	Search: (((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trisomy 21[Title/Abstract])) AND (((interpersonal relations[MeSH Terms]) OR (social interaction[Title/Abstract])) OR (social behavior[MeSH Terms])) OR (communication[Title/Abstract])) AND ((child[MeSH Terms]) OR (infant[MeSH Terms]))	612	12:05:37
#4	...	>	Search: (child[MeSH Terms]) OR (infant[MeSH Terms])	2,656,360	12:05:26
#3	...	>	Search: (((interpersonal relations[MeSH Terms]) OR (social interaction[Title/Abstract])) OR (social behavior[MeSH Terms])) OR (communication[Title/Abstract])	815,294	10:26:05
#1	...	>	Search: ((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trisomy 21[Title/Abstract])	27,863	10:23:35

Utiliser les filtres pour limiter sa recherche

IMPORTANT

PubMed.gov

cation[Title/Abstract]] AND ((child[MeSH Terms]) OR (infant[MeSH Terms]))

Advanced Create alert Create RSS Search User Guide

Save Email Send to Sorted by: Best match Display options

612 results

Page 1 of 62

MY NCBI FILTERS

RESULTS BY YEAR

1958 2022

TEXT AVAILABILITY

Abstract

Free full text

Full text

ARTICLE ATTRIBUTE

Associated data

ARTICLE TYPE

Books and Documents

Clinical Trial

Meta-Analysis

Randomized Controlled Trial

Review

Systematic Review

Augmentative and alternative **communication** in children with Down's syndrome: a systematic review.

1

Cite Barbosa RTA, de Oliveira ASB, de Lima Antão JYF, Crocetta TB, Guarnieri R, Antunes TPC, Arab C, Massetti T, Bezerra IMP, de Mello Monteiro CB, de Abreu LC.

Share BMC Pediatr. 2018 May 11;18(1):160. doi: 10.1186/s12887-018-1144-5. PMID: 29751828 Free PMC article.

BACKGROUND: The use of technology to assist in the **communication**, socialization, language, and motor skills of children with Down's syndrome (DS) is required. ...The instruments most used by the studies were speech-generating devices (SGDs) and the Picture Exchange Comm ...

Parent-mediated interventions for promoting **communication** and language development in young children with Down syndrome.

2

Cite O'Toole C, Lee AS, Gibbon FE, van Bysterveldt AK, Hart NJ.

Share Cochrane Database Syst Rev. 2018 Oct 15;10(10):CD012089. doi: 10.1002/14651858.CD012089.pub2. PMID: 30321454 Free PMC article. Review.

BACKGROUND: **Communication** and language development are areas of particular weakness for young children with Down syndrome. ...OBJECTIVES: To assess the effects of parent-mediated interventions for improving **communication** and language development in young children wi ...

[Ethics in the **communication** of down syndrome diagnosis].

3

Cite Vargas Aldecoa T.

Cite Cuad Bioet. 2019 Sep-Dec;30(100):315-329. PMID: 31618593 Free article. Spanish.

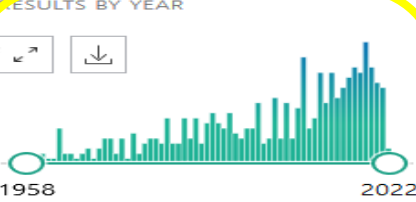
Share Down Syndrome diagnosis **communication** has got serious ethical implications, since the aim thereof can be either eugenic or therapeutic. ...In this study the mothers express, by means of

PubMed n'est pas une plateforme d'éditeurs : pour les publications payantes, il faut cliquer sur le résolveur de liens pour accéder aux articles.

- ✓ **Free full text** : seuls les articles déposés en accès libre sont directement accessibles à partir de la base. Vous les trouverez aussi gratuitement sur Internet.
- ✓ **Full text** : vous accédez aux ressources auxquelles nous sommes abonnés grâce aux résolveurs de liens.
- ✓ **Limitations** par langue, date, type de publication, classe d'âge...
- ✓ **Les filtres** restent activés pendant toute la durée d'une session (durant 8h00). Pensez à les effacer si besoin!

Utiliser les filtres pour limiter sa recherche

RESULTS BY YEAR



1958 2022

TEXT AVAILABILITY

- Abstract
- Free full text
- Full text

ARTICLE ATTRIBUTE

- Associated data

ARTICLE TYPE

- Books and Documents
- Clinical Trial
- Meta-Analysis
- Randomized Controlled Trial
- Review
- Systematic Review

PUBLICATION DATE

- 1 year
- 5 years
- 10 years
- Custom Range

AGE

- Child: 6-12 years

Additional filters

Reset all filters

(((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trisom))

Advanced Create alert Create RSS User Guide

Save Email Send to Sorted by: Best match Display options

390 results Page 1 of 39

Filters applied: Child: 6-12 years. Clear all

- Augmentative and alternative communication in children with Down's syndrome: a systematic review.**
1
Cite Barbosa RTA, de Oliveira ASB, de Lima Antão JYF, Crocetta TB, Guarnieri R, Antunes TPC, Arab C, Massetti T, Bezerra IMP, de Mello Monteiro CB, de Abreu LC.
Share BMC Pediatr. 2018 May 11;18(1):160. doi: 10.1186/s12887-018-1144-5. PMID: 29751828 Free PMC article.
BACKGROUND: The use of technology to assist in the **communication**, socialization, language, and motor skills of children with Down's syndrome (DS) studies were speech-generating devices (SGDs) and
- Parent-mediated interventions for promoting development in young children with Down syndrome: a systematic review.**
2
Cite O'Toole C, Lee AS, Gibbon FE, van Bysterveldt AK, et al.
Share Cochrane Database Syst Rev. 2018 Oct 15;10(10):CD012711. doi: 10.1002/14651451.cd012711. PMID: 30321454 Free PMC article. Review.
BACKGROUND: **Communication** and language development in children with Down syndrome. ...OBJECTIVES: To assess the effectiveness of interventions for improving **communication** and language development in children with Down syndrome.
- Parenting children with Down syndrome: a systematic review.**
3
Cite Huiracocha L, Almoneda C, Huiracocha K, Arteaga J, et al.
Share J Child Health Care. 2017 Dec;21(4):488-497. doi: 10.1177/0898010117710530. PMID: 29110530 Free PMC article. Review.
Most studies of parenting children with Down syndrome are from high-income countries. They suggest that sensitive **communication** can lead to acceptance and positive adjustments in children with Down syndrome.
- Communication intervention for individuals with Down syndrome: a systematic review and meta-analysis.**
4
Cite Neil N, Jones EA.
Share Dev Neurorehabil. 2018 Jan;21(1):1-12. doi: 10.1080/17518423.2016.1212947. Epub 2016 Aug 18. PMID: 27537068 Review.
OBJECTIVE: A systematic review was conducted to identify effective intervention strategies for **communication** in individuals with Down syndrome. METHODS: We updated and extended previous reviews by examining: (1) participant characteristics; (2) study characteristics; (3) c ...

ARTICLE TYPE

- Child: birth-18 years
- Newborn: birth-1 month
- Infant: birth-23 months
- Infant: 1-23 months
- Preschool Child: 2-5 years
- Child: 6-12 years
- Adolescent: 13-18 years

SPECIES

- Adult: 19-44 years
- Middle Aged + Aged: 45+ years
- Middle Aged: 45-64 years
- Aged: 65+ years
- 80 and over: 80+ years

LANGUAGE

SEX

JOURNAL

AGE

Cancel Show

On peut choisir d'appliquer directement le filtre « âge » pour le terme « enfant »

Vue sur l'ensemble des filtres

Augmentative and alternative communication in children with Down's syndrome: a systematic review

Renata Thaís de Almeida Barbosa¹, Acary Souza Bulle de Oliveira², Jennifer Yohanna Ferreira de Lima Antão³, Tânia Brusque Crocetta³, Regiani Guarnieri³, Thaiany Pedrozo Campos Antunes³, Claudia Arab⁴, Thaís Massetti⁵, Italla Maria Pinheiro Bezerra⁶, Carlos Bandeira de Mello Monteiro^{3 5 7}, Luiz Carlos de Abreu^{3 8}

Affiliations + expand

PMID: 29751828 PMCID: PMC5948828 DOI: 10.1186/s12887-018-1144-5

Free PMC article

Abstract

Background: The use of technology to assist in the motor skills of children with Down's syndrome (DS) is required. The research findings regarding the different instruments of 'augmentative communication' used in children with Down's syndrome.

Methods: This is a systematic review of published articles available in PsycInfo, and BVS using the following descriptors: assistive technology AND down syndrome, down syndrome AND augmentative communication. Studies published in English were selected if they met (1) study of children with a diagnosis of DS, and (2) assistive technology alternative communication analysis in this population.

Results: A total of 1087 articles were identified. Thirteen articles met the inclusion criteria. The instruments most used by the studies were speech-generating devices (SGDs) and the Picture Exchange Communication System (PECS).

Conclusion: Twelve instruments were identified that assist in the process of communication and

Keywords: Assistive technology; Augmentative and alternative communication; Children; Down's syndrome.

Rebonds sur d'autres termes MeSH

MeSH terms

- > Child
- > Child Language
- > Communication Aids for Disabled*
- > Down Syndrome / psychology
- > Down Syndrome / rehabilitation*
- > Humans
- > Motor Skills
- > Social Skills

Mots-clés en langage libre

FULL TEXT LINKS

Read free full text at 

 **FREE** Full text



ACTIONS

Rebonds vers d'autres articles sur le même sujet

< Title & authors

Abstract

Conflict of interest statement

Figures

Similar articles

Cited by

Gérer les résultats de sa recherche dans PubMed

PubMed.gov

(((down syndrome[MeSH Terms]) OR (mongolism[Title/Abstract])) OR (trison

Advanced Create alert Create RSS Search

Save Email Send to

Sorted by: Best match Display options

MY NCBI FILTERS

RESULTS BY YEAR

TEXT AVAILABILITY

ARTICLE ATTRIBUTE

ARTICLE TYPE

228 results

Filters applied: Child: 6-12 years. Clear all

1 Augmentative and alternative communication syndrome: a systematic review.

Cite Barbosa RTA, de Oliveira ASB, de Lima Antão JYF, Croc Massetti T, Bezerra IMP, de Mello Monteiro CB, de Ab BMC Pediatr. 2018 May 11;18(1):160. doi: 10.1186/s12887-018-1144-5. PMID: 29751828 Free PMC article.

BACKGROUND: The use of technology to assist in the communication, socialization, language, and motor skills of children with Down's syndrome (DS) used by the studies were speech-generating devices

2 Parent-mediated interventions for promoting development in young children with Down syndrome.

Cite O'Toole C, Lee AS, Gibbon FE, van Bysterveldt AK, Har Cochrane Database Syst Rev. 2018 Oct 15;10(10):CD010102. doi: 10.1002/14651858.CD012089.pub2. PMID: 30321454 Free PMC article. Review.

BACKGROUND: Communication and language development for young children with Down syndrome. ...OBJECTIVE: Parent-mediated interventions for improving communication in children with Down syndrome.

3 Parenting children with Down syndrome: Societal influences.

Cite Huiracocha L, Almeida C, Huiracocha K, Arteaga J, Arteaga A, Blume S. J Child Health Care. 2017 Dec;21(4):488-497. doi: 10.1177/1367493517727131. Epub 2017 Aug 28.

Choix du format d'affichage de la liste de résultats :
préférez l'option « Abstract » qui affiche directement le résumé et les liens vers le texte intégral

Choix du tri de la liste de résultats :
Par pertinence (Best match) : par défaut
Par ordre antéchronologique (Most récent)

Déchiffrer une référence d'article

► [BMC Pediatr.](#) 2018 May 11;18(1):160. doi: 10.1186/s12887-018-1144-5.

Augmentative and alternative communication in children with Down's syndrome: a systematic review

Renata Thaís de Almeida Barbosa ¹, Acary Souza Bulle de Oliveira ², Jennifer Yohana Ferreira de Lima Antão ³, Tânia Brusque Crocetta ³, Regiani Guarnieri ³, Thaiany Pedrozo Campos Antunes ³, Claudia Arab ⁴, Thaís Massetti ⁵, Italla Maria Pinheiro Bezerra ⁶, Carlos Bandeira de Mello Monteiro ^{3 5 7}, Luiz Carlos de Abreu ^{3 8}

Affiliations + expand

PMID: 29751828 PMCID: PMC5948828 DOI: 10.1186/s12887-018-1144-5

Free PMC article

Abstract

Background: The use of technology to assist in the communication, socialization, language, and motor skills of children with Down's syndrome (DS) is required. The aim of this study was to analyse research findings regarding the different instruments of 'augmentative and alternative communication' used in children with Down's syndrome.

Methods: This is a systematic review of published articles available on PubMed, Web of Science, PsycInfo, and BVS using the following descriptors: assistive technology AND syndrome, assistive technology AND down syndrome, down syndrome AND augmentative and alternative communication. Studies published in English were selected if they met the following inclusion criteria: (1) study of children with a diagnosis of DS, and (2) assistive technology and/or augmentative and alternative communication analysis in this population.

Results: A total of 1087 articles were identified. Thirteen articles met the inclusion criteria. The instruments most used by the studies were speech-generating devices (SGDs) and the Picture Exchange Communication System (PECS).

Keywords: Assistive technology; Augmentative and alternative communication; Children; Down's syndrome.

FULL TEXT LINKS

Read free full text at 

 **FREE** Full text



4

ACTIONS

“ Cite

☆ Favorites

SHARE



PAGE NAVIGATION

Title & authors

Abstract

Conflict of interest statement

Figures

Similar articles

Cited by

1. Référence bibliographique : auteur, titre, source, DOI, PMID...
2. Résumé et mots clefs
3. Renvois vers des articles similaires et vers les articles qui citent cette référence
4. Lien direct vers le plein texte si la SCD-UM est abonné à la ressource

Trouver des essais cliniques sur PubMed



PubMed Clinical Queries

Results of searches on this page are limited to [specific clinical research areas](#). For comprehensive searches, use [PubMed](#) directly.

Search PubMed **Recherche en Mesh et en anglais** **Search**

COVID-19 Articles

Category: Treatment

- General
- Mechanism
- Transmission
- Diagnosis
- Treatment**
- Prevention
- Case Report
- Forecasting

Partie «Actualité »
liée au COVID-19

Clinical Study Categories

Category: Therapy

- Therapy**
- Clinical Prediction Guides
- Diagnosis
- Etiology
- Prognosis

Scope: Broad

- Broad
- Narrow**

Accès aux types
d'études cliniques

"Broad" : pour obtenir une recherche large
"Narrow" : pour obtenir moins de citations (mais a priori plus pertinentes)

My NCBI (compte personnel sur PubMed)

Log in

- eRA Commons
- Google Account
- ORCID
- Login.gov
- Microsoft
- Facebook
- NIH Account
- NCBI Account

more login options

New here? [Sign up](#)

My NCBI

Search NCBI databases

Search: PubMed

Hint: clicking the "Search" button without any terms listed in the search box will transport you

My Bibliography

Your bibliography contains **no items**.
Your bibliography is **private**.

Recent Activity

Time	Database	Type	Term
08:31 AM	MeSH	record	Pregnancy
08:31 AM	MeSH	search	pregnancy
08:25 AM	MeSH	search	decaline
08:25 AM	MeSH	record	Valeroic Acid
29-Apr-2020	PubMed	search	("Stroke"[Mesh]) AND pregnancy(MeSH...
29-Apr-2020	PubMed	search	("Stroke"[Mesh]) AND pregnancy(MeSH...
29-Apr-2020	PubMed	search	("Stroke"[Mesh]) AND pregnancy(MeSH...
29-Apr-2020	PubMed	search	((("Stroke"[Mesh])) AND postpartu...
29-Apr-2020	PubMed	search	((("Stroke"[Mesh])) AND postpartu...
29-Apr-2020	PubMed	search	((("Stroke"[Mesh])) AND postpartu...

Collections

All bibliographies and other citations are now in My Bibliography

Collection Name	Items	Settings/Sharing	Type
Favorites	edit 0	Private	Standard

Filters

Filters for: PubMed

You do not have any active filters for this database.
[Add filters for the selected database.](#)

SciENcv

[Click here to create a new CV.](#)

- ✓ Créer un compte via « **log in** » en haut à droite
- ✓ Aller dans « **More login options** » pour vous authentifier via votre ENT
- ✓ Sauvegarder ses équations de recherche, les relancer, obtenir et recevoir par email que les nouveaux résultats
- ✓ Gérer des collections de références bibliographiques
- ✓ Paramétrer PubMed selon vos préférences

Quelques tutoriels pour mieux utiliser PubMed

[Tutoriel de la Bibliothèque Interuniversitaire de Santé de Paris](#)

[Tutoriel de la Bibliothèque de Sherbrooke](#)

[Libguide Sorbonne Université](#)

[Libguide Université de Lausanne](#)

[Aide en ligne de PubMed](#)

(en particulier les « Quick tours », courts tutoriels animés)