

INFORME DE BÚSQUEDA

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1. Pregunta de investigación.

¿La ingesta alta de nutrientes, alimentos, grupo de alimentos o patrones dietéticos influye en la longitud del telómero en niños de 2 a 18 años más que la ingesta baja?

1.1. Objetivo general

Primarios: Qué asociación existe entre la ingesta de nutrientes, alimentos, grupos de alimentos o patrones alimentarios y la longitud del telómero en la infancia o la adolescencia (2-18 años)

Secundarios:

- Describir las asociaciones entre la ingesta de nutrientes, nutrientes, alimentos, grupo de alimentos o patrones dietéticos y la longitud del telómero según sexos.
- Describir las asociaciones entre la ingesta de nutrientes, nutrientes, alimentos, grupo de alimentos o patrones dietéticos y la longitud del telómero según el método de determinación de la longitud del telómero.
- Describir las asociaciones entre la ingesta de nutrientes, nutrientes, alimentos, grupo de alimentos o patrones dietéticos y la longitud del telómero según el tejido donde se realizó la determinación de la longitud del telómero.

2. Search Report

Qué asociación existe entre la ingesta de nutrientes, alimentos, grupos de alimentos o patrones alimentarios y la longitud del telómero en la infancia o la adolescencia (2-18 años)

In children 2 to 18 years of age, does high intake of nutrients, foods, food groups, or dietary patterns influence telomere length?

Population	Intervention	Comparator	Outcomes
healthy children 2-to-18 years	nutrients / food / food groups / dietary patterns		telomere length
Type of question	Type of studies		
Exposition	Systematic reviews & metaanalysis (1) / CCT (2) / RCT (3) / cohort studies (4) / case-control studies (5) / cross-sectional studies (6) / case reports (7) / practice guidelines (8) / review (9) / cost-analysis (10) / editorial, comments, letter, retracted articles (11)		
Notas	Gold standard articles: PMID: 25131600 / PMID: 33543592 / PMID: 32558330		

Databases	Fecha de búsqueda	Estrategias de búsqueda*	Ítems totales
PubMed	17/06/2021	Appendix 1	319
EMBASE	13/06/2021	Appendix 2	17
CENTRAL	13/06/2021	Appendix 3	18
Clinicaltrials.gov	14/06/2021	Appendix 4	0
IRCTP (WHO)	14/06/2021	Appendix 5	N/A

En los apéndices se incluirá también la historia de la búsqueda en el formato de descarga de la base de datos.

Type of Studies											
Bases de datos	1	2	3	4	5	6	7	8	9	10	11
PubMed	5	75	10	55	14	34	13	0	64	2	3
EMBASE	17										
CENTRAL	-	18	-	-	-	-	-	-	-	-	-
ClinicalTrials.gov	-		-	-	-	-	-	-	-	-	-

ICRTP (WHO)	-		-	-	-	-	-	-	-	-	-
Totales sin duplicados											

3. Appendix:

3.1. APPENDIX 1. MedLine search strategy via PubMed:

("Telomere"[MeSH Terms] OR "Telomere Shortening"[MeSH Terms] OR "Telomerase"[MeSH Terms] OR "telomer*" [Text Word]) AND ("Diet"[MeSH Terms] OR "diet*" [Text Word] OR "nutrition*" [Text Word] OR "Nutrients"[MeSH Terms] OR "nutrient*" [Text Word] OR "Food"[MeSH Terms] OR "food*" [Text Word] OR "Feeding Behavior"[MeSH Terms] OR "feed*" [Text Word] OR "eat" [Text Word] OR "eating" [Text Word] OR "Alcohol Drinking"[MeSH Terms] OR "alcohol*" [Text Word] OR "drink*" [Text Word]) AND ("Fetus"[MeSH Terms] OR "fetus*" [Text Word] OR "foetus*" [Text Word] OR "fetal*" [Text Word] OR "foetal*" [Text Word] OR "infant"[MeSH Terms] OR "infant, newborn"[MeSH Terms] OR "infant, low birth weight"[MeSH Terms] OR "infant, small for gestational age"[MeSH Terms] OR "infant, very low birth weight"[MeSH Terms] OR "infant, extremely low birth weight"[MeSH Terms] OR "infant, postmature"[MeSH Terms] OR "infant, premature"[MeSH Terms] OR "infant, extremely premature"[MeSH Terms] OR "infan*" [Text Word] OR "newborn*" [Text Word] OR "neonat*" [Text Word] OR "neo nat*" [Text Word] OR "low birth weight*" [Text Word] OR "postmatur*" [Text Word] OR "prematur*" [Text Word] OR "preterm*" [Text Word] OR "Premature Birth"[MeSH Terms] OR "baby" [Text Word] OR "babies" [Text Word] OR "toddler*" [Text Word] OR "Neonatology"[MeSH Terms] OR "Perinatology"[MeSH Terms] OR "perinat*" [Text Word] OR "postnat*" [Text Word] OR "post nat*" [Text Word] OR "child, preschool"[MeSH Terms] OR "schools, nursery"[MeSH Terms] OR "preschool*" [Text Word] OR "pre school*" [Text Word] OR "nursery school*" [Text Word] OR "pre adolescen*" [Text Word] OR "preadolescen*" [Text Word] OR "prepub*" [Text Word] OR "pre pub*" [Text Word] OR "primary education*" [Text Word] OR "primary school*" [Text Word] OR "adolescent"[MeSH Terms] OR "adolescen*" [Text Word] OR "teen*" [Text Word] OR "youth*" [Text Word] OR "juvenil*" [Text Word] OR "Puberty"[MeSH Terms] OR "puber*" [Text Word] OR "pubesc*" [Text Word] OR "child"[MeSH Terms] OR "child*" [Text Word] OR "boy" [Text Word] OR "boys" [Text Word] OR "boyhood*" [Text Word] OR "girl" [Text Word] OR "girls" [Text Word] OR "kid" [Text Word] OR "kids" [Text Word] OR "underage*" [Text Word] OR "under age*" [Text Word] OR "under age*" [Text Word] OR "minors" [Text Word] OR "school*" [Text Word] OR "secondary education*" [Text Word] OR "secondary school*" [Text Word] OR "highschool*" [Text Word] OR "high school*" [Text Word] OR "Pediatrics"[MeSH Terms] OR "pediatr*" [Text Word])

3.2. APPENDIX 2. Embase search strategy:

No.	Query Results	Results Date
#6.	((('telomere'/exp OR 'telomere' OR 'telomere length'/exp OR 'telomere length' OR 'telomerase' OR 'telomere shortening' OR telomer*) AND ('diet'/exp OR 'diet' OR 'nutrition'/exp OR 'nutrition' OR 'nutrient'/exp OR 'nutrient' OR 'food'/exp OR 'food' OR 'feeding'/exp OR 'feeding' OR 'feeding behavior'/exp OR 'feeding behavior' OR food* OR 'eating'/exp OR 'eating' OR 'eating habit'/exp OR 'eating habit' OR eat* OR diet* OR feed* OR nutrition* OR nutrient* OR 'alcohol consumption'/exp OR 'alcohol consumption' OR 'alcohol'/exp OR 'alcohol' OR alcohol* OR 'drinking behavior'/exp OR 'drinking behavior' OR 'drinking'/exp OR 'drinking' OR drink*) AND ([article]/lim OR [article in press]/lim OR [data papers]/lim OR [editorial]/lim OR [erratum]/lim OR [letter]/lim OR [note]/lim OR [review]/lim OR [short survey]/lim) AND ([embryo]/lim OR [fetus]/lim OR [newborn]/lim OR [infant]/lim OR [child]/lim OR [preschool]/lim OR [school]/lim OR [adolescent]/lim)) AND [embase]/lim NOT ([embase]/lim AND [medline]/lim)	17 13 Jun 2021
#5.	('telomere'/exp OR 'telomere' OR 'telomere length'/exp OR 'telomere length' OR 'telomerase' OR 'telomere shortening' OR telomer*) AND ('diet'/exp OR 'diet' OR 'nutrition'/exp OR 'nutrition' OR 'nutrient'/exp OR 'nutrient' OR 'food'/exp OR 'food' OR 'feeding'/exp OR 'feeding' OR 'feeding behavior'/exp OR 'feeding behavior' OR food* OR 'eating'/exp OR 'eating' OR 'eating habit'/exp OR 'eating habit' OR eat* OR diet* OR feed* OR nutrition* OR nutrient* OR 'alcohol consumption'/exp OR 'alcohol consumption' OR 'alcohol'/exp OR 'alcohol' OR alcohol* OR 'drinking behavior'/exp OR 'drinking behavior' OR 'drinking'/exp OR 'drinking' OR drink*) AND ([article]/lim OR [article in press]/lim OR [data papers]/lim OR [editorial]/lim OR [erratum]/lim OR [letter]/lim OR [note]/lim OR [review]/lim OR [short survey]/lim) AND ([embryo]/lim OR [fetus]/lim OR [newborn]/lim OR [infant]/lim OR [child]/lim OR [preschool]/lim OR [school]/lim OR [adolescent]/lim)	320 13 Jun 2021
#4.	('telomere'/exp OR 'telomere' OR 'telomere	4,266 13 Jun 2021

length'/exp OR 'telomere length' OR 'telomerase'
OR 'telomere shortening' OR telomer*) AND
('diet'/exp OR 'diet' OR 'nutrition'/exp OR
'nutrition' OR 'nutrient'/exp OR 'nutrient' OR
'food'/exp OR 'food' OR 'feeding'/exp OR
'feeding' OR 'feeding behavior'/exp OR 'feeding
behavior' OR food* OR 'eating'/exp OR 'eating' OR
'eating habit'/exp OR 'eating habit' OR eat* OR
diet* OR feed* OR nutrition* OR nutrient* OR
'alcohol consumption'/exp OR 'alcohol
consumption' OR 'alcohol'/exp OR 'alcohol' OR
alcohol* OR 'drinking behavior'/exp OR 'drinking
behavior' OR 'drinking'/exp OR 'drinking' OR
drink*) AND ([article]/lim OR [article in
press]/lim OR [data papers]/lim OR
[editorial]/lim OR [erratum]/lim OR [letter]/lim
OR [note]/lim OR [review]/lim OR [short
survey]/lim)

#3. ('telomere'/exp OR 'telomere' OR 'telomere
length'/exp OR 'telomere length' OR 'telomerase'
OR 'telomere shortening' OR telomer*) AND 5,119 13 Jun 2021

('diet'/exp OR 'diet' OR 'nutrition'/exp OR
'nutrition' OR 'nutrient'/exp OR 'nutrient' OR
'food'/exp OR 'food' OR 'feeding'/exp OR
'feeding' OR 'feeding behavior'/exp OR 'feeding
behavior' OR food* OR 'eating'/exp OR 'eating' OR
'eating habit'/exp OR 'eating habit' OR eat* OR
diet* OR feed* OR nutrition* OR nutrient* OR
'alcohol consumption'/exp OR 'alcohol
consumption' OR 'alcohol'/exp OR 'alcohol' OR
alcohol* OR 'drinking behavior'/exp OR 'drinking
behavior' OR 'drinking'/exp OR 'drinking' OR
drink*)

#2. 'diet'/exp OR 'diet' OR 'nutrition'/exp OR 4,674,784 13 Jun 2021

'nutrition' OR 'nutrient'/exp OR 'nutrient' OR
'food'/exp OR 'food' OR 'feeding'/exp OR
'feeding' OR 'feeding behavior'/exp OR 'feeding
behavior' OR food* OR 'eating'/exp OR 'eating' OR
'eating habit'/exp OR 'eating habit' OR eat* OR
diet* OR feed* OR nutrition* OR nutrient* OR
'alcohol consumption'/exp OR 'alcohol
consumption' OR 'alcohol'/exp OR 'alcohol' OR
alcohol* OR 'drinking behavior'/exp OR 'drinking
behavior' OR 'drinking'/exp OR 'drinking' OR
drink*

#1. 'telomere'/exp OR 'telomere' OR 'telomere
length'/exp OR 'telomere length' OR 'telomerase'
OR 'telomere shortening' OR telomer* 58,022 13 Jun 2021

3.3. APPENDIX 3. CENTRAL search strategy:

Date Run: 13/06/2021 18:19:03

ID	Search Hits
#1	MeSH descriptor: [Telomere] explode all trees 55
#2	MeSH descriptor: [Telomere Shortening] explode all trees 18
#3	MeSH descriptor: [Telomerase] explode all trees 52
#4	(telomer*):ti,ab,kw (Word variations have been searched) 528
#5	#1 OR #2 OR #3 OR #4 528
#6	MeSH descriptor: [Diet] explode all trees 18928
#7	MeSH descriptor: [Nutrients] explode all trees 5332
#8	MeSH descriptor: [Food] explode all trees 35426
#9	MeSH descriptor: [Feeding Behavior] explode all trees 9101
#10	MeSH descriptor: [Eating] explode all trees 3674
#11	MeSH descriptor: [Alcohol Drinking] explode all trees 3968
#12	(diet* OR nutrient* OR food* OR feed* OR eat* OR alcohol* OR drink*):ti,ab,kw (Word variations have been searched) 190668
#13	#6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 198166
#14	#5 AND #13 115
#15	MeSH descriptor: [Infant] explode all trees 32816
#16	MeSH descriptor: [Child] explode all trees 57420
#17	MeSH descriptor: [Adolescent] explode all trees 105819
#18	(child* OR adolescen* OR infant*):ti,ab,kw (Word variations have been searched) 285326
#19	#15 OR #16 OR #17 OR #18 285326
#20	#14 AND #19 18

3.4. APPENDIX 4. ClinicalTrials.gov search strategy:

NIH U.S. National Library of Medicine
ClinicalTrials.gov

Find Studies About Studies Submit Studies Resources About Site PRS Login

Home > Search Results

Hide Search Start Over

Condition or disease [?] Other terms [?]

Telomere* x (diet* OR nutriti* OR food*) x

Country [?]

Search Advanced Search

No Studies found for: (diet* OR nutriti* OR food*) | Telomere* | Child

Applied Filters: ☒ Child (birth-17)

Your search found no studies.
Modify your search, check for misspellings, try other words.

List By Topic On Map Search Details

Hide Filters

Filters

Apply Clear

Status

3.5. APPENDIX 5. IC RTP (WHO) search strategy

The requested URL was rejected. Please consult with your administrator.
Your support ID is: 15612090574454605129

Contacto

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