

Supplementary files

Evaluation of study quality according to Downs and Black

	Yes (n)	%	No (n)	%	Does not apply (n)	%
Reporting						
1. Is the hypothesis/aim/objective of the study clearly described?	228	98.7	2	0.9	0	0.0
2. Are the main outcomes to be measured clearly described in the Introduction or Methods section?	225	97.4	3	1.3	2	0.9
3. Are the characteristics of the patients included in the study clearly described?	204	88.3	5	2.2	21	9.1
4. Are the interventions of interest clearly described?	128	55.4	39	16.9	63	27.3
5. Are the distributions of principal confounders in each group of subjects to be compared clearly described?	174	75.3	18	7.8	38	16.5
6. Are the main findings of the study clearly described?	221	95.7	3	1.3	6	2.6
7. Does the study provide estimates of the random variability in the data for the main outcomes?	172	74.5	13	5.6	45	19.5
8. Have all the important adverse events that may be a consequence of the intervention been reported?	91	39.4	63	27.3	76	32.9
9. Have the characteristics of patients lost to follow-up been described?	109	47.2	20	8.7	101	43.7
10. Have actual probability values been reported (e.g., .035 rather than < .05) for the main outcomes except where the probability value is less than .001?	167	72.3	14	6.1	49	21.2
Internal validity – confounding						
11. Were the subjects asked to participate in the study representative of the entire population from which they were recruited?	152	65.8	10	4.3	68	29.4
12. Were those subjects who were prepared to participate representative of the entire population from which they were recruited?	143	61.9	15	6.5	72	31.2
13. Were the staff, places, and facilities where the patients were treated representative of the treatment the majority of patients receive?	121	52.4	31	13.4	78	33.8
Internal validity – bias						
14. Was an attempt made to blind study subjects to the intervention they have received?	64	27.7	66	28.6	100	43.3
15. Was an attempt made to blind those measuring the main outcomes of the intervention?	64	27.7	70	30.3	96	41.6
16. If any of the results of the study were based on “data dredging,” was this made clear?	90	39.0	85	36.8	55	23.8
17. In trials and cohort studies, do the analyses adjust for different lengths of follow-up of patients, or in case-control studies, is the time period between the intervention and outcome the same for cases and controls?	79	34.2	53	22.9	98	42.4
18. Were the statistical tests used to assess the main outcomes appropriate?	162	70.1	5	2.2	63	27.3
19. Was compliance with the intervention/s reliable?	124	53.7	14	6.1	92	39.8
20. Were the main outcome measures used accurate (valid and reliable)?	174	75.3	7	3.0	49	21.2
Internal validity - confounding (selection bias)						
21. Were the patients in different intervention groups (trials and cohort studies) or were the cases and controls (case-control studies) recruited from the same population?	46	19.9	29	12.6	155	67.1
22. Were study subjects in different intervention groups (trials and cohort studies), or were the cases and controls (case-control studies) recruited over the same period of time?	77	33.3	48	20.8	105	45.5
23. Were study subjects randomized to intervention groups?	88	38.1	47	20.3	95	41.1
24. Was the randomized intervention assignment concealed from both patients and health care staff until recruitment was complete and irrevocable?	77	33.3	57	24.7	96	41.6
25. Was there adequate adjustment for confounding in the analyses from which the main findings were drawn?	137	59.3	19	8.2	74	32.0
26. Were losses of patients to follow-up taken into account?	105	45.5	28	12.1	97	42.0
Power						
27. Did the study have sufficient power to detect a clinically important effect where the probability value for a difference being due to chance is less than 5%?	125	54.1	25	10.8	80	34.6

N = 231

Supplementary document**Search equations and terms****Databases**

((“Malnutrition/prevention & control*” OR stunting) AND (“infant” OR “child”) AND (“prevention” OR “treatment” OR “primary care”)) Sort by: Best Match
Filters: Infant: birth-23 months

((((Malnutrition/prevention & control* OR stunting OR undernutrition) AND (public-private OR Public Health* OR Public Sector* OR Public-Private Sector Partnerships* OR inter-sectoral OR multi-sectoral)) AND ((partnerships OR collaboration OR consolidation OR cooperation OR planning)) AND (infant OR child)))

PUBMED

stunting [Title/Abstract] AND (growth disorders [MeSH Terms] AND (treatment[Title/Abstract]

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(stunting and primary prevention).af. and infant.sh.
stunting.af. and primary prevention.sh. and infant.sh.
(growth disorders and primary prevention and infant).sh.
stunting.at. and primary health care.sh.
(growth disorders and primary health care and infant).sh.
stunting.af. and growth disorders.sh. and treatment.sh.
(stunting and treatment).af. and infant.sh

Web of Science

TS=(stunting AND “primary prevention”)
ALL=growth disorders AND TI=primary prevention
ALL=growth disorders AND ALL=primary prevention AND ALL=stunting
ALL=stunting AND TS= “primary health care” AND TS=infant=
ALL=stunting AND TS=growth disorders AND ALL=treatment AND TS=infant=

Secondary Sources**World Health Organization Website**

Equation: “desnutrición crónica” OR stunting OR malnutrition) AND (Infant OR child)

Equation: malnutrition stunting intersectoral partnership infant child

<https://globalnutritionreport.org/reports/global-nutrition-report-2018/three-issues-critical-need-attention/>

<https://www.who.int/search?page=44&pagesize=10&query=malnutrition%20stunting%20intersectoral%20partnership%20infant%20child&sort=relevance&sortdir=desc&default=AND&f.Countries.size=100&f.Lang.filter=en&f.RegionalSites.size=100&f.Topics.size=100&f.contenttype.size=100&f.doctype.size=101&facet.field=RegionalSites&facet.field=Topics&facet.field=doctype&facet.field=Countries&facet.field=contenttype&facet.field=Lang&tune=true&tune.0=3&tune.1=2&tune.2=2&tune.3=3&tune.4=180&tune.5=75>

RegionalSites.size=100&f.Topics.size=100&f.contenttype.size=100&f.doctype.size=101&facet.field=RegionalSites&facet.field=Topics&facet.field=doctype&facet.field=Countries&facet.field=contenttype&facet.field=Lang

&tune=true&tune.0=3&tune.1=2&tune.2=2&tune.3=3&tune.4=180&tune.5=75

Accessed: February 27, 2019

FAO Website

Equation: ((“Malnutrition prevention & control*” OR stunting) AND (infant OR child) AND (prevention OR treatment OR “primary care”))

Equation: malnutrition stunting intersectoral partnership infant child

<http://www.fao.org/search/en/?cx=018170620143701104933%3Aqq82jsfba7w&q=malnutrition+stunting+intersectoral+partnership+infant+child&cof=FORID%3A9&siteurl=www.fao.org%2Fhome%2Fen%2F&ref=&ss=0j0j1>

Accessed: February 27, 2019

World Bank Website

Equation: (("Malnutrition prevention & control*" OR stunting) AND (infant OR child) AND (prevention OR treatment OR "primary care"))

Equation: (((stunting) AND (inter-sectoral OR multi-sectoral) AND (infant OR child)))

http://www.worldbank.org/en/search?q=%28%28%E2%80%9CMalnutrition+prevention+%26+control*%E2%80%9D+OR+stunting%29+AND+%28infant+OR+child%29+AND+%28prevention+OR+treatment+OR+%E2%80%9Cprimary+care%E2%80%9D%29%29

<http://www.worldbank.org/en/search?q=%28%28%28%28stunting%29+AND+%28inter-sectoral+OR+multi-sectoral%29+AND+%28infant+OR+child%29%29%29¤tTab=1>

Accessed: February 27, 2019

UNICEF Website

Equation: (("Malnutrition prevention & control*" OR stunting) AND (infant OR child) AND (prevention OR treatment OR "primary care"))

Equation: malnutrition stunting intersectoral partnership infant child

https://www.unicef.org/search?force=0&query=malnutrition+stunting+intersectoral+partnership+infant+child&search_date_range_picker=&changed%5Bmin%5D=&changed%5Bmax%5D=

Accessed: February 27, 2019

GOOGLE and Colombian National Websites

Ministerio de Salud y Secretaría de Salud

<https://www.minsalud.gov.co/Paginas/default.aspx>

Keywords: Stunting; Retraso en talla; Desnutrición crónica; Malnutrición

Accessed: February 27, 2019

Instituto Colombiano de Bienestar Familiar - ICBF

<https://www.icbf.gov.co/>

Key words: Stunting; Retraso en talla; Desnutrición crónica; Malnutrición

Accessed: February 27, 2019

Secretaría Distrital de Integración Social

<http://www.integracionsocial.gov.co/>

Keywords: Desnutrición crónica.

Accessed: February 27, 2019