

Supplementary Materials

Table S1. The Quality Criteria Checklist for Primary Research.

RELEVANCE QUESTION*	
1	Would implementing the studied intervention or procedure (if found successful) result in improved outcomes for the patients/clients/population group? (NA for some Epi studies)
2	Did the authors study an outcome (dependent variable) or topic that the patients/clients/population group would care about?
3	Is the focus of the intervention or procedure (independent variable) or topic of study a common issue of concern to dietetics practice?
4	Is the intervention or procedure feasible? (NA for some epidemiological studies)
VALIDITY QUESTION*	
1	Was the research question clearly stated?
2	Was the selection of study subjects/patients free from bias?
3	Were study groups comparable?
4	Was method of handling withdrawals described?
5	Was blinding used to prevent introduction of bias?
6	Were intervention/therapeutic regimens/exposure factor or procedure and any comparison(s) described in detail? Were intervening factors described?
7	Were outcomes clearly defined and the measurements valid and reliable?
8	Was the statistical analysis appropriate for the study design and type of outcome indicators?
9	Are conclusions supported by results with biases and limitations taken into consideration?
10	Is bias due to study's funding or sponsorship unlikely?

*Adapted from the Quality Criteria Checklist for Primary Research [36].

Table S2. PubMed Search Strategy.

	Search #	Search Statement	Term Type
Population	1	pediatrics OR child OR adolescent OR offspring	MeSH Headings
	2	maternal obesity OR mothers OR prenatal development OR parent OR Prenatal Exposure Delayed Effects OR "Embryonic and Fetal Development"	MeSH Headings
	3	"Maternal weight status" OR "Maternal overweight" OR Postpartum OR Postnatal OR Prepregnancy OR Preconception OR Pregravid OR "parent* obes*" OR "During Childhood" OR obesogenic	Keywords
Exposure		2 OR 3	-
	4	obesity OR overweight OR body composition OR body mass index OR body weight OR waist circumference OR Body-Weight Trajectory OR body mass index	MeSH Headings
	5	"Body-weight trajectory" OR BMI	Keywords
	6	4 OR 5	-
Outcome	7	childhood obesity OR adolescent obesity	MeSH Headings
	8	"Weight for height" OR "BMI for age"	Keywords
	9	8 OR 9	-
Study Design	10	cohort studies OR retrospective studies OR prospective studies OR observational studies	MeSH Headings
		3 AND 4 AND 7 AND 10 AND 13	
	11	Limits: (From 2012/1/1 to 2022/4/14, Humans, English, Preschool Child: 2-5 years, Child: 6-12 years, Adolescent: 13-18 years)	-

*Truncation (to expand spellings and multiple endings of a word); PubMed/MEDLINE database coverage: 1965 to present. Last searched 13 April 2022.

Table S3. CINAHL/EBSCO search strategy.

	Search #	Search Statement	Limits
Population	1	Pediatrics+ OR Child+ OR Adolescence+	MeSH Headings
	2	obesity, maternal+ OR mothers+ OR maternal exposure+ OR fetal development+ OR parents+ OR prenatal exposure delayed effects+ OR postnatal period+ "pre*gravid" OR maternal overweight OR "pre-conception" OR "pre-pregnancy"	All fields
	3	OR "during childhood" OR "Maternal weight status" OR "parent* obes*" OR Obesogenic	All fields
Exposure	4	Obesity+ OR Body Composition+ OR Body Mass Index OR Waist Circumference OR Body Mass Index	MeSH Headings
	5	"overweight" OR "body-weight trajectory" OR BMI	All fields
	6	2 OR 3 OR 4 OR 5	-
	7	Pediatric Obesity	MeSH Headings
Outcome	8	adolescent obesity OR childhood obesity OR BMI for age OR weight for height	All fields
	9	7 OR 8	-
	10	(MH "Epidemiological Research+") (MH "Retrospective Design") (MH "Prospective Studies+")	MeSH Headings
Study Design	11	cohort? OR follow up OR longitudinal OR AB retrospective\$ OR observational	Abstract
	12	10 OR 11	-
	13	1 AND 6 AND 9 AND 12 Limits: (English Language; Published Date: 2012-2022, Human	All fields

+, explode results; *Truncation (to expand spellings and multiple endings of a word); CINAHL/EBSCO database coverage: 1982 to present. Last searched 15 April 2022.

Table S4. Web of Science search strategy.

	Search #	Search Statement	Limits
Population	1	Pediatrics OR Child OR Adolescence	Topic
	2	maternal obesity OR parent obes* OR maternal overweight OR Pre*pregnancy OR "During Childhood" OR Pre*conception OR obesogenic OR prenatal development	Topic
Exposure	3	body composition OR body weight OR waist circumference OR Body-Weight Trajectory OR body mass index OR BMI OR "Weight for height" OR "BMI for age"	Topic
	4	2 AND 3	-
Outcome	5	child obesity OR adolescent obesity	Topic
Study Design	6	cohort OR longitudinal OR retrospective OR prospective	Abstract
	7	1 AND 4 AND 5 AND 6 Limits: (Publication date: 2012-2022 Languages: English MeSH Headings: Humans)	-

*Truncation (to expand spellings and multiple endings of a word); Web of science database coverage: 1900 to present. Last searched 15 April 2022.

Table S5. EMBASE/OVID search strategy.

	Search #	Search Statement	Term Type
Population	1	Pediatrics+ OR child+ OR adolescent+ OR juvenile+	MeSH Head-ings
	2	p?ediatric* OR Child* Adolesc* OR teen* OR juvenile* OR youth*	Keywords
	3	1 OR 2	-
Exposure	2	maternal obesity+ OR mother+ OR prenatal development+ OR parent+ OR Prenatal Exposure Delayed Effects+ OR "Embryonic and Fetal Development"+ OR obesogenic environment+ "Maternal obes*" OR "Maternal weight status" OR "Maternal overweight" OR mother* OR	MeSH Head-ings
	3	Postpartum OR Post*natal OR Pre*pregnancy OR Pre*gravid OR "parent* obes*" OR 'During Childhood'	Keywords
	4	2 OR 3	-
	5	Obesity+ OR overweight+ OR body composition OR body mass+ OR body weight+ OR waist circumference+ OR Body-Weight Trajectory+ OR body mass index+ obes* OR "body composition" OR "body mass index"	MeSH Head-ings
	6	"waist circumference" OR "Body-weight trajectory" OR BMI	Keywords
	7	5 OR 6	-
Outcome	8	childhood obesity+ OR adolescent obesity+	MeSH Head-ings
	9	"child* obes*" OR "adolesc* obes*" OR "Weight for height" OR "BMI for age"	Keywords
	10	8 OR 9	-
Study De-sign	11	Epidemiology OR cohort analysis OR follow up OR longitudinal study OR retrospective study OR prospective study OR observational study	MeSH Head-ings
	12	epidemiologic OR cohort? OR follow up OR longitudinal OR retrospective\$ OR prospective\$ OR observational	Keywords <i>Limit to title and abstract</i>
	13	11 OR 12	-
	14	3 AND 4 AND 7 AND 10 AND 13 Limits: (Human and English language and yr="2012 -Current")	-

+, explore results; *Truncation (to expand spellings and multiple endings of a word); Embase/Ovid database coverage: 1947 to present. Last searched 14 April 2022.