



## Literature search

PubMed Health via NLM 23 april 2018		
Diets for ADHD and Autism spectrum disorder		
	Search terms	Items found
Population:		
1.	(((((((((((("Diet"[Mesh]) OR "Glutens"[Mesh]) OR "Dietary Carbohydrates"[Mesh]) OR "diet therapy"[Subheading]) OR "Diet Therapy"[Mesh]) OR "Soy Foods"[Mesh]) OR "Dairy Products"[Mesh]) OR "Food Additives"[Mesh])))) OR ((((((((((Gluten[Title/Abstract]) OR Carbohydrate Restricted[Title/Abstract]) OR Low Carbohydrate[Title/Abstract]) OR Soy[Title/Abstract]) OR lactose free[Title/Abstract]) OR milk free[Title/Abstract]) OR diet[Title/Abstract])))) OR (((Additive[Title/Abstract] AND Food) AND Title/Abstract)))))) AND (((((((("Attention Deficit Hyperactivity"[Title/Abstract]) OR "Attention Deficit- Hyperactivity"[Title/Abstract]) OR ADHD[Title/Abstract])) OR "Attention Deficit Disorder with Hyperactivity"[Mesh]) OR (((Autism[Title/Abstract]) OR Autistic[Title/Abstract]) OR Asperger[Title/Abstract])) OR "Child Development Disorders, Pervasive"[Mesh])))) NOT ((animals[MeSH] NOT humans[MeSH])) AND ("2012/01/01"[PDat] : "2018/12/31"[PDat])	31
Final	1	31



PubMed via NLM 23 april 2018		
Diets for ADHD and Autism spectrum disorder		
	Search terms	Items found
Population:		
1.	"Attention Deficit Disorder with Hyperactivity"[Mesh]	25262
2.	((("Attention Deficit Hyperactivity"[Title/Abstract]) OR "Attention Deficit-Hyperactivity"[Title/Abstract]) OR ADHD[Title/Abstract])	26679
3.	"Child Development Disorders, Pervasive"[Mesh]	28739
4.	((Autism[Title/Abstract]) OR Autistic[Title/Abstract]) OR Asperger[Title/Abstract]	38775
5.	1 OR 2 OR 3 OR 4	73710
Intervention:		
6.	((("Diet"[Mesh]) OR "Glutens"[Mesh]) OR "Dietary Carbohydrates"[Mesh]) OR "diet therapy" [Subheading] OR "Diet Therapy"[Mesh]) OR "Soy Foods"[Mesh]) OR "Dairy Products"[Mesh]) OR "Food Additives"[Mesh]	443439
7.	303652	
8.	6 or 7	610686
Combined sets		
9.	5 AND 8	1065
Limits:		
10.	NOT (animals [MeSH] NOT humans [MeSH])	991
11.	AND Publication date from 2012/01/01 to 2018/12/31	505
Final	11	505

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase



Cochrane Library via Wiley 23 april 2018		
Diets for ADHD and Autism spectrum disorder		
	Search terms	Items found
Population:		
1.	MeSH descriptor: [Attention Deficit Disorder with Hyperactivity] explode all trees	2072
2.	MeSH descriptor: [Autism Spectrum Disorder] explode all trees	406
3.	Attention Deficit Hyperactivity:ti,ab,kw or Attention Deficit-Hyperactivity:ti,ab,kw or ADHD:ti,ab,kw (Word variations have been searched)	3596
4.	"autism":ti,ab,kw or "autistic":ti,ab,kw or "asperger":ti,ab,kw (Word variations have been searched)	1896
5.	1 OR 2 OR 3 OR 4	5371
Intervention:		
6.	MeSH descriptor: [Diet] explode all trees, MeSH descriptor: [Dietary Carbohydrates] explode all trees, MeSH descriptor: [Diet Therapy] explode all trees, Any MeSH descriptor with qualifier(s): [Diet therapy - DH], MeSH descriptor: [Soy Foods] explode all trees, MeSH descriptor: [Dairy Products] explode all trees, MeSH descriptor: [Food Additives] explode all trees, MeSH descriptor: [Glutens] explode all trees	25562
7.	"gluten":ti,ab,kw or "Carbohydrate Restricted":ti,ab,kw or "Low Carbohydrate":ti,ab,kw or "sugar":ti,ab,kw or Soy:ti,ab,kw or "lactose free":ti,ab,kw or "milk free":ti,ab,kw or "diet":ti,ab,kw or Additive and Food:ti,ab,kw (Word variations have been searched)	45345
8.	6 OR 7	54295
Combined sets		
9.	5 AND 8	150
Limits:		
10.	9 AND Publication Year from 2012 to 2018	72
Final	10	72 DARE:4 CENTRAL:67 HTA:1

The search result, usually found at the end of the documentation, forms the list of abstracts

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments



Embase via embase.com 23 april 2018		
Diets for ADHD and Autism spectrum disorder		
	Search terms	Items found
Population:		
1.	'attention deficit disorder'/exp OR 'autism'/exp	104663
2.	'attention deficit hyperactivity':ti,ab,kw OR 'attention deficit-hyperactivity':ti,ab,kw OR adhd:ti,ab,kw	36650
3.	'autism':ti,ab,kw OR 'autistic':ti,ab,kw OR 'asperger':ti,ab,kw	51066
4.	1 OR 2 OR 3	113803
Intervention:		
5.	'diet'/exp OR 'diet therapy'/exp OR 'carbohydrate diet'/exp OR 'soy food'/exp OR 'dairy product'/exp OR 'food additive'/exp OR 'gluten'/exp	645326
6.	'gluten':ti,ab,kw OR 'carbohydrate restricted':ti,ab,kw OR 'low carbohydrate':ti,ab,kw OR 'sugar':ti,ab,kw OR soy:ti,ab,kw OR 'lactose free':ti,ab,kw OR 'milk free':ti,ab,kw OR 'diet':ti,ab,kw OR (additive:ti,ab,kw AND food:ti,ab,kw)	486881
7.	5 OR 6	887167
Combined sets		
8.	4 AND 7	2855
Limits:		
9.	8 AND [embase]/lim	2567
10.	9 AND [2012-2018]/py	1438
11.	9 NOT 'conference abstract'/it	1107
Final	11	1107

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti,ab = Title or abstract

\* = Truncation

' ' = Citation Marks; searches for an exact phrase