

## Søgeprotokol for Nationale Kliniske Retningslinjer

<b>Projekttitel/aspekt</b>	NKR for behandling af autismespektrumforstyrrelser hos børn og unge - søgning på primær litteratur
<b>Fagkonsulent</b>	Marie Louise Rimestad
<b>Projektleder</b>	Marie Herlev Ahrenfeldt, SST
<b>Metodekonsulent</b>	Mina Händel, SST
<b>Søgespecialist</b>	Birgitte Holm Petersen, SST
<b>Senest opdateret</b>	9. juni 2020

<b>Baggrund</b>	<p>PICOs</p> <p>PICO 1 Bør man tilbyde forældremedieret intervention til forældre til børn i alderen 18 måneder – 17 år med autisme?</p> <p>PICO 2 Bør man tilbyde kognitiv adfærdsterapi (KAT) til børn og unge i alderen 6-17 år med autisme og komorbid angst?</p> <p>PICO 3a Bør man tilbyde indsatser til træning i sociale færdigheder til børn i alderen 18 måneder – 5 år med autisme?</p> <p>PICO 3b Bør man tilbyde indsatser til træning i sociale færdigheder til børn og unge i alderen 6-17 år med autisme?</p> <p>PICO 4 udgået (juni 2020)</p> <p>PICO 5 Bør man tilbyde sanseintegrationsterapi til børn og unge i alderen 18 måneder -17 år med autisme?</p> <p>PICO 6 Bør man tilbyde intervention målrettet sprogudviklingen til børn med en sproglig forsinkelse eller en afvigende sprogudvikling i alderen 18 måneder – 6 år med autisme?</p> <p>PICO 7 Bør man tilbyde melatonin til søvnforstyrrelser hos børn og unge i alderen 2-17 år med autisme?</p> <p>PICO 8 Bør man anvende 2. generations antipsykotika til børn og unge i alderen 5-17 år med autisme og udadreagerende adfærd?</p> <p>PICO 9 Bør der anvendes gluten og casein eliminationsdiæt til børn og unge i alderen 3-17 år med autisme?</p> <p>PICO 10 Bør der anvendes neurofeedback til børn og unge i alderen 3-17 år med autisme?</p>
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<b>Søgetermer</b>	Se søgestrategierne under de enkelte PICO's/PIRO's
<b>Inklusions- og eksklusionskriterier</b>	Sprog: Engelsk, dansk, norsk og svensk År: Se de enkelte PICO's Population: børn og unge Publikationstyper: Randomiserede kontrollede forsøg /RCT

## Informationskilder

<b>DATABASE</b>	<b>INTERFACE</b>	<b>DATO FOR SØGNING</b>
<b>Medline inkl. Cochrane</b>	OVID	4.september 2019 til 27.april 2020
<b>EMBASE inkl. Cochrane</b>	OVID	4.september 2019 til 27.april 2020
<b>PSYCINFO</b>	OVID	4.september 2019 til 28.april 2020
<b>CINAHL</b>	EBSCO	4.september 2019 til 28.april 2020
<b>ERIC</b>	EBSCO	24.januar 2020 til 23.marts 2020
<b>Clinical trials.gov</b>	Internettet	19.november 2019 tli 24.januar 2020
<b>PEDro</b>	Internettet	2. januar 2020
<b>OTseeker</b>	Internettet	2. januar 2020

## Note

- Søgetermer og inklusions- og eksklusionskriterier er tilpasset de enkelte databaser.
- Dubletter er så vidt muligt frasorteret ved hjælp af RefWorks. De fundne referencer overføres til Covidence (referenceværktøj)
- Fuldtekster præsenteres i Covidence i pdf-format
- Søgestrategi for hver enkelt database præsenteres – hvis muligt vises det eksplicit hvor mange referencer den enkelte søgestreng genererer

## Søgestrategi:

### PICO 1 prim. (forældre)

#### Medline (190320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 17, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	50383
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	24147
3	Autism Disorder*.mp.	123
4	Autistic Disorder/ or Autistic Disorder*.mp.	20598
5	autistic*.mp.	25127
6	Asperger Syndrome/ or asperger*.mp.	2743
7	asperger*.mp.	2743
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10757
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	or/1-9	64805
11	parent intervention*.mp.	159
12	parent mediated intervention*.mp.	69
13	parenting intervention*.mp.	814
14	(parent support* or parents support).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	691
15	Parents/ or Parenting/ or parent support program*.mp.	74848
16	((Parent* or parenting*) and (exercise* or training*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	16190
17	parent training*.mp.	1286

18	peer-mediated intervention*.mp.	50
19	(peer-mediated intervention* or PMI).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	2551
20	Parents/ or Parenting/ or parent support program*.mp.	74848
21	Psychosocial Support Systems/ or psychosocial support system*.mp.	498
22	or/11-21	90035
23	10 and 22	3049
24	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	685019
25	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	278877
26	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	170697
27	24 or 25 or 26	772734
28	23 and 27	285
29	limit 28 to yr="2017 - 2020"	118

## Embase (190320)

Database(s): **Embase** 1996 to 2020 Week 11

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	77523
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	52282
3	Autism Disorder*.mp.	192
4	Autistic Disorder/ or Autistic Disorder*.mp.	21872
5	autistic*.mp.	14067
6	Asperger Syndrome/ or asperger*.mp.	5276
7	asperger*.mp.	5276
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	144712
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	18832
10	or/1-9	215628



11	parent intervention*.mp.	188
12	parent mediated intervention*.mp.	87
13	parenting intervention*.mp.	864
14	(parent support* or parents support).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	849
15	Parents/ or Parenting/ or parent support program*.mp.	95889
16	((Parent* or parenting*) and (exercise* or training*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	20834
17	parent training*.mp.	1491
18	peer-mediated intervention*.mp.	54
19	(peer-mediated intervention* or PMI).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	3461
20	Parents/ or Parenting/ or parent support program*.mp.	95889
21	Psychosocial Support Systems/ or psychosocial support system*.mp.	17504
22	or/11-21	131385
23	10 and 22	9040
24	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	857109
25	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	321893
26	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	186130
27	24 or 25 or 26	953110
28	23 and 27	693
29	limit 28 to yr="2017 - 2020"	198

**Psycinfo (190320)**

Database(s): **APA Psycinfo** 1806 to March Week 3 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	53193

2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45854
3	Autism Disorder*.mp.	102
4	Autistic Disorder/ or Autistic Disorder*.mp.	11652
5	autistic*.mp.	21740
6	Asperger Syndrome/ or asperger*.mp.	4467
7	asperger*.mp.	4467
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6220
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	or/1-9	59883
11	parent intervention*.mp.	296
12	parent mediated intervention*.mp.	93
13	parenting intervention*.mp.	1175
14	(parent support* or parents support).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	1322
15	Parents/ or Parenting/ or parent support program*.mp.	48030
16	((Parent* or parenting*) and (exercise* or training*)).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	24578
17	parent training*.mp.	8256
18	peer-mediated intervention*.mp.	193
19	(peer-mediated intervention* or PMI).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	482
20	Parents/ or Parenting/ or parent support program*.mp.	48030
21	Psychosocial Support Systems/ or psychosocial support system*.mp.	68
22	exp family Interbvention/ or family intervention*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	5022
23	or/11-22	74052
24	10 and 23	3900
25	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	97572
26	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	26060
27	25 or 26	104593
28	24 and 27	259



29	limit 28 to yr="2017 - 2020"	90
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**Cinahl (190320)**

Thursday, March 19, 2020 8:03:48 AM

#	Query	Results
S16	S9 AND S10 AND S14 Limiters - Published Date: 20170101-20201231	31
S15	S9 AND S10 AND S14	104
S14	S11 OR S12 OR S13	535,960
S13	(MH "Randomized Controlled Trials+") OR "Randomized Controlled Trial"	139,413
S12	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))	114,369
S11	((random* or cluster-random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)	525,131
S10	S1 OR S2 OR S3 OR S4 OR S5 OR S6	4,365
S9	S7 OR S8	44,023
S8	(MH "Autistic Disorder") OR (MH "Developmental Disabilities") OR (MH "Asperger Syndrome") OR "autism"	42,268
S7	autism* or ASD	30,773
S6	peer mediated intervention*	51
S5	parent support*	694
S4	parenting intervention*	739
S3	parent mediated intervention*	56
S2	parent intervention*	207
S1	parent Training*	2,911

**ERIC (190320)**

Thursday, March 19, 2020 7:51:21 AM

#	Query	Results
S20	S15 AND S18 Limiters - Date Published: 20170101- 20191231	17
S19	S15 AND S18	52
S18	S16 OR S17	3,008
S17	DE "Randomized Controlled Trials"	1,512
S16	Randomized Controlled Trial* or RCT	3,008
S15	S3 AND S14	1,833
S14	S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13	34,977
S13	parent workshops	589
S12	DE "Parent Influence"	6,627
S11	DE "Parent Role"	9,860
S10	DE "Parents" OR DE "Parents as Teachers" OR DE "Parenting Skills" OR DE "Parent Education" OR DE "Parent Counseling"	20,578
S9	peer mediated intervention*	98
S8	parent support*	877
S7	parenting intervention*	151
S6	parent mediated intervention*	28
S5	parent intervention*	94
S4	parent Training*	7,186
S3	S1 OR S2	20,620
S2	DE "Pervasive Developmental Disorders" OR DE "Asperger Syndrome" OR DE "Autism" OR DE "Asperger Syndrome" OR DE "Developmental Disabilities"	19,559
S1	Autism* or ASD	16,078



## PICO 2 prim. (kognitiv)

### Medline (270420)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to April 24, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	50939
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	24528
3	Autism Disorder*.mp.	121
4	Autistic Disorder/ or Autistic Disorder*.mp.	20741
5	autistic*.mp.	25311
6	Asperger Syndrome/ or asperger*.mp.	2750
7	asperger*.mp.	2750
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10913
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6539
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	65476
11	Cognitive Behavioral Therapy/ or CBT.mp.	29379
12	cognitive behavioral therap*.mp.	28925
13	cognitive therap*.mp.	3407
14	cognitive behavioral intervention*.mp.	1106
15	(cognitive behavioral* and intervention*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	13706
16	cognitive behavioral therapy/ or behavior therapy/ or cognitive therapy/ or cognitive behavioural treatment*.mp.	51778
17	Behavior Therapy/ or behavior therap*.mp.	31184
18	cognitive behavioral treatment*.mp.	1529
19	(cbt or ((cognitive* or cognitive-behavioral) adj6 (therap* or treatment* or intervention* or strateg*))).ti,ab,kw,kf.	52030

20	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19	87909
21	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	280069
22	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	171387
23	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	689520
24	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	256013
25	21 or 22 or 23 or 24	888699
26	10 and 20 and 25	278
27	limit 26 to yr="2016 - 2020"	126

## Embase (270420)

Database(s): **Embase** 1996 to 2020 Week 17

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	78454
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	53000
3	Autism Disorder*.mp.	192
4	Autistic Disorder/ or Autistic Disorder*.mp.	22536
5	autistic*.mp.	14207
6	Asperger Syndrome/ or asperger*.mp.	5297
7	asperger*.mp.	5297
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	146245
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	18749
10	(autism* or ASD or (Autism Spectrum Disorder* or Autism Spectrum Disorder) or Autism Disorder* or (Autistic Disorder or Autistic Disorder*) or autistic* or (Asperger Syndrome or asperger*) or asperger* or (Neurodevelopmental Disorders or neurodevelopmental disorder*) or (Child Development Disorders, Pervasive or Child Development Disorders, Pervasive)).ti,ab,kw,sh.	87444
11	Cognitive Behavioral Therapy/ or CBT.mp.	23881
12	cognitive behavioral therap*.mp.	20916

13	cognitive therap*.mp.	42502
14	cognitive behavioral intervention*.mp.	1432
15	(cognitive behavioral* and intervention*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	12780
16	cognitive behavioral therapy/ or behavior therapy/ or cognitive therapy/ or cognitive behavioural treatment*.mp.	74023
17	Behavior Therapy/ or behavior therap*.mp.	36779
18	cognitive behavioral treatment*.mp.	2107
19	(cbt or ((cognitive* or cognitive-behavioral) adj6 (therap* or treatment* or intervention* or strateg*))).ti,ab,kw.	72711
20	(Cognitive Behavioral Therapy or CBT or cognitive behavioral therap* or cognitive therap* or cognitive behavioral intervention* or (cognitive behavioral* and intervention*) or (cognitive behavioral therapy or behavior therapy or cognitive therapy or cognitive behavioural treatment*) or (Behavior Therapy or behavior therap*) or cognitive behavioral treatment* or (cbt or ((cognitive* or cognitive-behavioral) adj6 (therap* or treatment* or intervention* or strateg*))))).ti,ab,kw,sh.	129816
21	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	825963
22	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	325321
23	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	188888
24	21 or 22 or 23	931736
25	or/1-10	217938
26	or/11-20	130016
27	24 and 25 and 26	1273
28	limit 27 to yr="2016 - 2020"	356

## Psyinfo (270420)

Database(s): **APA PsycInfo** 1806 to April Week 3 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	53558

2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	46158
3	Autism Disorder*.mp.	102
4	Autistic Disorder/ or Autistic Disorder*.mp.	11666
5	autistic*.mp.	21812
6	Asperger Syndrome/ or asperger*.mp.	4475
7	asperger*.mp.	4475
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6296
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4448
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	60299
11	(cognitive behavioral therap* or CBT).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	22591
12	cognitive therap*.mp.	26367
13	cognitive behavioral intervention*.mp.	2303
14	(cognitive behavioral* and intervention*).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	13095
15	cognitive behavioral therapy/ or behavior therapy/ or cognitive therapy/ or cognitive behavioural treatment*.mp.	26411
16	Behavior Therapy/ or behavior therap*.mp.	50316
17	cognitive behavioral treatment*.mp.	3928
18	(cbt or ((cognitive* or cognitive-behavioral) adj6 (therap* or treatment* or intervention* or strateg*))).ti,ab,id.	68176
19	11 or 12 or 13 or 14 or 15 or 16 or 18	101541
20	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	98210
21	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	26151
22	((patient* or client* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	58450
23	20 or 21 or 22	144460
24	10 and 19 and 23	273
25	limit 24 to yr="2016 - 2020"	92

## Cinahl (270420)

#	Query	Results
S15	S7 AND S8 AND S12	
Limiters - Published Date: 20160101-20201231		76
S14	S7 AND S8 AND S12	182
S13	(MH "Randomized Controlled Trials+")	118,077
S12	S9 OR S10 OR S11	551,893
S11	((patient* or person* or participant* or population* or allocate* or assign*) N3 (random* or blind* or mask*))	358,704
S10	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))	115,092
S9	((random* or cluster-random* or controlled or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)	529,314
S8	S3 OR S4 OR S5 OR S6	40,104
S7	S1 OR S2	44,399
S6	cognitive behavioral treatment*	863
S5	(MH "Cognitive Therapy+") OR (MH "Behavior Therapy+") OR (MH "Cognitive Therapy (Iowa NIC)+") OR "cognitive behavioral therapy"	37,924
S4	cognitive behavioral therapy or CBT	17,271
S3	cognitive behavioral intervention*	981
S2	(MH "Autistic Disorder") OR (MH "Developmental Disabilities") OR (MH "Asperger Syndrome")	37,490
S1	autism* or ASD	31,079

## PICO 3a og 3b Prim. (social)

### Medline (200320)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to March 19, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	50390
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	24151
3	Autism Disorder*.mp.	122
4	Autistic Disorder/ or Autistic Disorder*.mp.	20601
5	autistic*.mp.	25134

6	Asperger Syndrome/ or asperger*.mp.	2741
7	asperger*.mp.	2741
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10742
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	or/1-9	64801
11	social skill*.mp. or *Social Skills/	6353
12	exp Social Behavior/	249150
13	(social skills therapy or social skills therapies).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	9
14	social communication*.mp.	2947
15	(social skill* and (training* or intervention* or therapy or therapies or communication*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	3851
16	11 or 12 or 13 or 14 or 15	254269
17	child*.mp. or Child/	2402528
18	infant*.mp. or Infant/	1250230
19	adolescent*.mp. or Adolescent/	2061631
20	17 or 18 or 19	3968649
21	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	684945
22	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	278860
23	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	170682
24	21 or 22 or 23	772654
25	10 and 16 and 20	5126
26	24 and 25	380
27	limit 26 to yr="2016 - 2020"	168
28	limit 25 to (controlled clinical trial or randomized controlled trial)	274
29	limit 28 to yr="2015 - 2020"	122
30	27 or 29	215

## Embase (200320)

Database(s): **Embase** 1996 to 2020 Week 11

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	77523
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	52282
3	Autism Disorder*.mp.	192
4	Autistic Disorder/ or Autistic Disorder*.mp.	21872
5	autistic*.mp.	14067
6	Asperger Syndrome/ or asperger*.mp.	5276
7	asperger*.mp.	5276
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	144712
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	18832
10	or/1-9	215628
11	social skill*.mp. or *Social Skills/	6785
12	exp Social Behavior/	1429206
13	(social skills therapy or social skills therapies).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	8
14	social communication*.mp.	3837
15	(social skill* and (training* or intervention* or therapy or therapies or communication*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	4172
16	11 or 12 or 13 or 14 or 15	1431117
17	child*.mp. or Child/	1978378
18	infant*.mp. or Infant/	602346
19	adolescent*.mp. or Adolescent/	1212357
20	17 or 18 or 19	2739551

21	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	857109
22	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	321893
23	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	186130
24	21 or 22 or 23	953110
25	10 and 16 and 20	25681
26	24 and 25	1350
27	limit 26 to yr="2016 - 2020"	561
28	limit 25 to ((randomized controlled trial or controlled clinical trial) and yr="2016 - 2020")	406
29	27 or 28	650

## Psycinfo (200320)

Database(s): **APA PsycInfo** 1806 to March Week 3 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	53193
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45854
3	Autism Disorder*.mp.	102
4	Autistic Disorder/ or Autistic Disorder*.mp.	11652
5	autistic*.mp.	21740
6	Asperger Syndrome/ or asperger*.mp.	4467
7	asperger*.mp.	4467
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6220
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	or/1-9	59883
11	social skill*.mp. or *Social Skills/	26013
12	exp Social Behavior/	1089361
13	(social skills therapy or social skills therapies).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	15
14	social communication*.mp.	5359



15	(social skill* and (training* or intervention* or therapy or therapies or communication*)).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	13971
16	11 or 12 or 13 or 14 or 15	1099630
17	child*.mp. or Child/	792939
18	infant*.mp. or Infant/	117484
19	adolescent*.mp. or Adolescent/	432525
20	17 or 18 or 19	1081835
21	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	103390
22	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	26060
23	21 or 22	109753
24	10 and 16 and 20	11669
25	23 and 24	433
26	limit 25 to yr="2016 - 2020"	171

## Cinahl (230320)

Monday, March 23, 2020 3:50:07 AM

#	Query	Results
S15	S11 OR S13 Limiters - Published Date: 20160101-20201231	88
S14	S11 OR S13	230
S13	S10 AND S12	229
S12	S8 OR S9	536,360
S11	S4 AND S7 Limiters - Publication Type: Randomized Controlled Trial	106
S10	S4 AND S7	1,799
S9	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))	114,440
S8	((random* or cluster-random* or control#ed or crossover or cross-over or	525,531

	blind* or mask*) N3 (trial* or study or studies or analy*) or rct)	
S7	S5 OR S6	7,050
S6	(MH "Social Skills") OR (MH "Social Skills Training") OR (MH "Social Interaction Skills (Iowa NOC)")	5,186
S5	social skill*	7,048
S4	S1 OR S2 OR S3	41,379
S3	"pervasive development disorders"	1,423
S2	(MH "Developmental Disabilities") OR (MH "Asperger Syndrome") OR "autism"	39,258
S1	autism* or ASD	30,785

## ERIC (230320)

Monday, March 23, 2020 4:14:49 AM

#	Query	Results
S14	S9 AND S12 Limiters - Date Published: 20160101-20191231	34
S13	S9 AND S12	54
S12	S10 OR S11	3,008
S11	DE "Randomized Controlled Trials"	1,512
S10	randomized controlled trial* or RCT	3,008
S9	S3 AND S7	2,288
S8	infant* or child* or adolescent*	404,672
S7	S4 OR S5 OR S6	21,069
S6	interpersonal competence*	18,746
S5	DE "Interpersonal Competence"	18,684
S4	social skill*	6,588
S3	S1 OR S2	20,620
S2	DE "Autism" OR DE "Pervasive Developmental Disorders" OR DE	19,559

"Asperger Syndrome" OR DE "Autism"  
 OR DE "Asperger Syndrome" OR DE  
 "Developmental Disabilities"

S1 autism\* or ASD 16,078

## PICO 5 prim. (Sanseintegration)

### Medline (020120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to December 31, 2019

Search Strategy:

#	Searches	Results
1	autism*.mp.	42462
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	23282
3	Autism Disorder*.mp.	118
4	Autistic Disorder/ or Autistic Disorder*.mp.	20450
5	autistic*.mp.	24796
6	Asperger Syndrome/ or asperger*.mp.	2726
7	asperger*.mp.	2726
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10281
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6531
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	56804
11	(Sensory or multisensory or multi-sensory or sensory-based or sensorybased or sensory-oriented or sensory-focus* or sensory-tailored or sensory-centred or sensory-centered or sensory-multimodal).ti,ab,kw,kf.	178022
12	(integrat* or therap* or treatment* or discrimination or regulation or enriched or registration or defensiveness or techni* or appliance* or aids or device* or equipment* or adapt* or modif* or chang* or strateg* or training or exercise* or feedback or stimuli or stimulation or processing or modulation or responsive* or over-responsiv* or overresponsiv* or over responsiv* or under-responsiv* or underresponsiv* or under responsiv* or reactiv* or over-reactiv* or overreactiv* or over reactiv* or under-reactiv* or underreactiv* or under reactiv* or difficult* or dysfunction* or perception or adapt* or intervention or regulat* or self regulat* or selfregulat* or self-regulat* or self help or selfhelp or self-help or environment* or tool* or lifestyle or life style or life-style or diet* or buffet* or motor* or coping or	16570153

	psycho-educat* or psychoeducat* or behavior* or behaviour* or interpret* or craving or seeking or information or evaluation or strateg* or program* or tools* or support* or success*).ti,ab,kw,kf.	
13	11 and 12	153455
14	(sensory-integrat* or sensoryintegrat* or sensory-modif* or sensory-chang* or sensory-stimul* or sensory-process* or sensory-modulation or sensory-regulat* or sensory-coping or ASI or "OT/SI" or SI or SPD or SOR or SUR or dyspraxia).ti,ab,kw,kf.	88228
15	((non-pharmacologic* or nonpharmacologic* or non-drug* or non drug* or complementary or alternative or holistic) adj10 (therap* or treat* or intervention* or action* or program* or strateg* or protocol* or support* or approach*)).ti,kw,kf.	18870
16	13 or 14 or 15	246138
17	10 and 16	2455
18	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	673134
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	275837
20	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	169493
21	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	250635
22	18 or 19 or 20 or 21	869807
23	17 and 22	111
24	limit 23 to yr="2017 - 2020"	34

## Embase (020120)

Database(s): **Embase** 1996 to 2019 Week 52

Search Strategy:

#	Searches	Results
1	autism*.mp.	65707
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	50988
3	Autism Disorder*.mp.	186
4	Autistic Disorder/ or Autistic Disorder*.mp.	20572
5	autistic*.mp.	13831
6	Asperger Syndrome/ or asperger*.mp.	5238
7	asperger*.mp.	5238

8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	141599
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	19084
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	201123
11	(Sensory or multisensory or multi-sensory or sensory-based or sensorybased or sensory-oriented or sensory-focus* or sensory-tailored or sensory-centred or sensory-centered or sensory-multimodal).ti,ab,kw.	182109
12	(integrat* or therap* or treatment* or discrimination or regulation or enriched or registration or defensiveness or techni* or appliance* or aids or device* or equipment* or adapt* or modif* or chang* or strateg* or training or exercise* or feedback or stimuli or stimulation or processing or modulation or responsive* or over-responsiv* or overresponsiv* or over responsiv* or under-responsiv* or underresponsiv* or under responsiv* or reactiv* or over-reactiv* or overreactiv* or over reactiv* or under-reactiv* or underreactiv* or under reactiv* or difficult* or dysfunction* or perception or adapt* or intervention or regulat* or self regulat* or selfregulat* or self-regulat* or self help or selfhelp or self-help or environment* or tool* or lifestyle or life style or life-style or diet* or buffet* or motor* or coping or psycho-educat* or psychoeducat* or behavior* or behaviour* or interpret* or craving or seeking or information or evaluation or strateg* or program* or tools* or support* or success*).ti,ab,kw.	16438719
13	11 and 12	164419
14	(sensory-integrat* or sensoryintegrat* or sensory-modif* or sensory-chang* or sensory-stimul* or sensory-process* or sensory-modulation or sensory-regulat* or sensory-coping or ASI or "OT/SI" or SI or SPD or SOR or SUR or dyspraxia).ti,ab,kw.	79616
15	((non-pharmacologic* or nonpharmacologic* or non-drug* or non drug* or complementary or alternative or holistic) adj10 (therap* or treat* or intervention* or action* or program* or strateg* or protocol* or support* or approach*)).ti,kw.	22490
16	13 or 14 or 15	251027
17	10 and 16	4585
18	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	841851
19	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	317331
20	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	184400
21	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw.	315241
22	18 or 19 or 20 or 21	1067718
23	17 and 22	262
24	limit 23 to yr="2017 - 2020"	73

## Psycinfo (020120)

Database(s): **PsycINFO** 1806 to December Week 4 2019

Search Strategy:

#	Searches	Results
1	autism*.mp.	51718
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45123
3	Autism Disorder*.mp.	101
4	Autistic Disorder/ or Autistic Disorder*.mp.	11629
5	autistic*.mp.	21591
6	Asperger Syndrome/ or asperger*.mp.	4444
7	asperger*.mp.	4444
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6063
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	58364
11	((Sensory or multisensory or multi-sensory or sensory-based or sensorybased or sensory-oriented or sensory-focus* or sensory-tailored or sensory-centred or sensory-centered or sensory-multimodal) adj6 (integrat* or therap* or treatment* or discrimination or regulation or enriched or registration or defensiveness or techni* or appliance* or aids or device* or equipment* or adapt* or modif* or chang* or strateg* or training or exercise* or feedback or stimuli or stimulation or processing or modulation or responsive* or over-responsiv* or overresponsiv* or over responsiv* or under-responsiv* or underresponsiv* or under responsiv* or reactiv* or over-reactiv* or overreactiv* or over reactiv* or under-reactiv* or underreactiv* or under reactiv* or difficult* or dysfunction* or perception or adapt* or intervention or regulat* or self regulat* or selfregulat* or self-regulat* or self help or selfhelp or self-help or environment* or tool* or lifestyle or life style or life-style or diet* or buffet* or motor* or coping or psycho-educat* or psychoeducat* or behavior* or behaviour* or interpret* or craving or seeking or information or evaluation or strateg* or program* or tools* or support* or success*))ti,ab,id.	41218
12	exp Sensory Integration Dysfunction/ or exp Sensory Deprivation/ or exp Sensory Adaptation/ or exp Sensory Feedback/ or exp Sensory System Disorders/ or exp "Sensory Disabilities (Attitudes Toward)"/ or exp Sensory Integration/	38377

13	(sensory-integrat* or sensoryintegrat* or sensory-modif* or sensory-chang* or sensory-stimul* or sensory-process* or sensory-modulation or sensory-regulat* or sensory-coping or ASI or "OT/SI" or SI or SPD or SOR or SUR or dyspraxia).ti,ab,id.	25486
14	((non-pharmacologic* or nonpharmacologic* or non-drug* or non drug* or complementary or alternative or holistic) adj10 (therap* or treat* or intervention* or action* or program* or strateg* or protocol* or support* or approach*)).ti,id.	7485
15	11 or 12 or 13 or 14	96772
16	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	96004
17	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	25831
18	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	57145
19	16 or 17 or 18	141399
20	10 and 15 and 19	83
21	limit 20 to yr="2017 - 2020"	14

**Pedro, ingen relevante fund (020120)**

**Otseeker, ingen relevante fund (020120)**

## **PICO 6 primær (sprog)**

### **Medline (240120)**

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 23, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	49358
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	23482
3	Autism Disorder*.mp.	119

4	Autistic Disorder/ or Autistic Disorder*.mp.	20487
5	autistic*.mp.	24868
6	Asperger Syndrome/ or asperger*.mp.	2730
7	asperger*.mp.	2730
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10382
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	63503
11	Communication Disorders/ or communication disorder*.mp.	3249
12	communication disabilit*.mp.	205
13	communication skill*.mp.	10669
14	Vocabulary/ or vocabulary skill*.mp.	10383
15	Language Development Disorders/ or vocabulary disabilities.mp.	6247
16	language development*.mp.	18159
17	speech language patholog*.mp.	4751
18	language acquisition*.mp.	2344
19	Speech Disorders/ or speech disorder*.mp.	12213
20	language disabilit*.mp.	199
21	Language Disorders/ or language disorder*.mp.	8318
22	Speech Therapy/ or speech therap*.mp.	8346
23	Language Therapy/ or language therap*.mp.	3078
24	Language Development Disorders/ or Language Development Disorder*.mp.	6268
25	language intervention*.mp.	457
26	or/11-25	66631
27	10 and 26	4232
28	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	675733
29	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	276489
30	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	169882
31	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	251491
32	limit 27 to (controlled clinical trial or randomized controlled trial)	115
33	28 or 29 or 30 or 31	872844



34	27 and 33	162
35	32 or 34	204
36	limit 35 to yr="2017 - 2020"	54

## Embase (240120)

Database(s): **Embase** 1996 to 2020 Week 03

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	76436
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	51432
3	Autism Disorder*.mp.	189
4	Autistic Disorder/ or Autistic Disorder*.mp.	20994
5	autistic*.mp.	13902
6	Asperger Syndrome/ or asperger*.mp.	5250
7	asperger*.mp.	5250
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	142730
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	19010
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	212731
11	Communication Disorders/ or communication disorder*.mp.	9137
12	communication disabilit*.mp.	288
13	communication skill*.mp.	20007
14	Vocabulary/ or vocabulary skill*.mp.	1607
15	Language Development Disorders/ or vocabulary disabilities.mp.	692
16	language development*.mp.	13960
17	speech language patholog*.mp.	4133
18	language acquisition*.mp.	2364
19	Speech Disorders/ or speech disorder*.mp.	18464
20	language disabilit*.mp.	12964
21	Language Disorders/ or language disorder*.mp.	10568
22	Speech Therapy/ or speech therap*.mp.	12236
23	Language Therapy/ or language therap*.mp.	3188

24	Language Development Disorders/ or Language Development Disorder*.mp.	770
25	language intervention*.mp.	483
26	or/11-25	82592
27	10 and 26	8279
28	limit 27 to (randomized controlled trial or controlled clinical trial)	244
29	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*))) or rct).ti,ab,kw.	807952
30	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	319671
31	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	185562
32	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw.	317170
33	29 or 30 or 31 or 32	1049162
34	27 and 33	384
35	28 or 34	455
36	limit 35 to yr="2017 - 2020"	131

## Psycinfo (240120)

Database(s): **PsycINFO** 1806 to January Week 3 2020  
Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	52612
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45320
3	Autism Disorder*.mp.	101
4	Autistic Disorder/ or Autistic Disorder*.mp.	11635
5	autistic*.mp.	21631
6	Asperger Syndrome/ or asperger*.mp.	4451
7	asperger*.mp.	4451
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6122
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9	59247
11	Communication Disorders/ or communication disorder*.mp.	4168

12	communication disabilit*.mp.	300
13	communication skill*.mp.	14849
14	Vocabulary/ or vocabulary skill*.mp.	8570
15	language development*.mp.	35371
16	speech language patholog*.mp.	3952
17	language acquisition*.mp.	8836
18	Speech Disorders/ or speech disorder*.mp.	8455
19	language disabilit*.mp.	393
20	Language Disorders/ or language disorder*.mp.	10853
21	Speech Therapy/ or speech therap*.mp.	7297
22	Language Therapy/ or language therap*.mp.	2811
23	Language Development Disorders/ or Language Development Disorder*.mp.	3513
24	language intervention*.mp.	971
25	or/11-24	82801
26	10 and 25	5985
27	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	96399
28	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	25896
29	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	57367
30	27 or 28 or 29	141946
31	26 and 30	188
32	limit 31 to yr="2017 - 2020"	35

## ERIC (240120)

#	Query	Results
S21	S15 AND S19 Limiters - Date Published: 20170101-20191231	29
S20	S15 AND S19	76
S19	S16 OR S17 OR S18	3,008
S18	DE "Randomized Controlled Trials"	1,512

S17	Randomized controlled trial*	2,811
S16	RCT	504
S15	S13 AND S14	6,953
S14	S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12	378,106
S13	S1 OR S2	21,504
S12	DE "Language Acquisition"	17,955
S11	language acquisition*	22,541
S10	language skill*	16,570
S9	language*	236,539
S8	speech*	55,911
S7	DE "Delayed Speech" OR DE "Speech Language Pathology"	2,373
S6	speech skill*	3,766
S5	DE "Vocabulary" OR DE "Basic Vocabulary" OR DE "Jargon" OR DE "Sight Vocabulary" OR DE "Word Lists" OR DE "Basic Vocabulary" OR DE "Vocabulary Skills"	13,403
S4	vocabulary skill*	2,103
S3	DE "Speech Communication" OR DE "Communication Skills" OR DE "Communicative Competence (Languages)" OR DE "Communication Disorders" OR communication*	168,906
S2	DE "Pervasive Developmental Disorders" OR DE "Asperger Syndrome" OR DE "Autism" OR DE "Asperger Syndrome" OR DE "Developmental Disabilities"	19,559
S1	autism* or ADS	16,955

## PICO 7 prim. (Melatonin)

### Medline (040919)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to September 03, 2019

Search Strategy:

#	Searches	Results
1	melatonin/	18910
2	melatonin.ti,ab,kw,kf,rn.	24983

3	or/1-2	24983
4	exp Child/	1845940
5	exp Adolescent/	1953032
6	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatric* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or youngster*).ti,ab,kw,kf.	2007274
7	(pediatric* or paediatric* or child* or adolescen* or young).in,jn,jw.	1412067
8	or/4-7	4250717
9	Randomized controlled trials as Topic/	126172
10	Randomized controlled trials/	126172
11	Controlled clinical trials as topic/	5447
12	Double blind method/	153016
13	Single blind method/	27241
14	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	655343
15	Placebos/	34449
16	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	270951
17	((single or double or triple) adj2 (blind*3 or mask*3)).ti,ab.	166646
18	((patient* or person* or participant* or population* or allocat* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	247566
19	or/9-18	938587
20	3 and 8 and 19	380
21	limit 20 to (yr="2017-2019" and (english or danish or norwegian or swedish))	72

## Embase (040919)

Database(s): **Embase** 1974 to 2019 September 03

Search Strategy:

#	Searches	Results
1	melatonin/	32965
2	melatonin.ti,ab,kw,tn.	29541

3	or/1-2	36641
4	exp Child/	2494815
5	exp Adolescent/	1454233
6	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatic* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or young or youngster*).ti,ab,kw.	2830332
7	(pediatric* or paediatric* or child* or adolescen* or young).in,jn,jx.	2028032
8	or/4-7	5068693
9	3 and 8	5942
10	limit 9 to (randomized controlled trial or controlled clinical trial)	315
11	((((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	914946
12	Placebos/	284185
13	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab,kw.	382742
14	((single or double or triple) adj2 (blind* or mask*)).ti,ab,kw.	230676
15	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw.	341753
16	or/11-15	1286893
17	9 and 16	717
18	10 or 17	786
19	limit 18 to (yr="2017-2019" and (english or danish or norwegian or swedish))	147

## PsycINFO (Fra NKR ADHD)

Database(s): PsycINFO 1806 to August Week 4 2019

Search Strategy:

#	Searches	Results
3	melatonin/	3288
4	melatonin.ti,ab,id.	4542
5	or/3-4	4595

6	limit 5 to (childhood or adolescence <13 to 17 years> or (100 childhood or 200 adolescence ))	334
7	Child.mh.	154054
8	Adolescent.mh.	252568
9	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatric* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or young or youngster*).ti,ab,id.	1189553
10	or/7-9	1322831
11	6 or 10	1322868
12	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	99539
13	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	47116
14	((single or double or triple) adj2 (blind*3 or mask*3)).ti,ab.	25355
15	((patient* or person* or participant* or population* or allocat* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	56518
16	or/12-15	156579
17	5 and 11 and 16	130
18	limit 17 to (yr="2017-2019" and (english or danish or norwegian or swedish))	15

## Opfølgende søgning på prim, PICO 7

For sep.2019 til 18.nov 2019

### Medline(181119)

Database(s): Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to November 15, 2019

Search Strategy:

#	Searches	Results
1	melatonin*.mp. or Melatonin/	25495
2	Child/	1645600
3	Adolescent/	1971973

4	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatric* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or youngster*).ti,ab,kw,kf.	2031867
5	(pediatric* or paediatric* or child* or adolescen* or young).in,jn,jw.	1439667
6	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	667506
7	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	274500
8	2 or 3 or 4 or 5	4247548
9	6 or 7	753739
10	1 and 8 and 9	333
11	limit 10 to yr="2019"	18

## Embase (181119)

Database(s): **Embase** 1996 to 2019 Week 46  
Search Strategy:

#	Searches	Results
1	melatonin*.mp. or Melatonin/	31460
2	Child/	1248644
3	Adolescent/	1126676
4	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatric* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or youngster*).ti,ab,kw.	1992590
5	(pediatric* or paediatric* or child* or adolescen* or young).in,jn,jx.	1729044
6	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	837629
7	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	316529
8	2 or 3 or 4 or 5	3476734
9	6 or 7	931826
10	1 and 8 and 9	421
11	limit 10 to yr="2019"	20



## Psyinfo (181119)

Database(s): **PsycINFO** 1806 to November Week 1 2019

Search Strategy:

#	Searches	Results
1	melatonin*.mp. or Melatonin/	4869
2	Child/	0
3	Adolescent/	0
4	(adolescen* or boy* or boyfriend or boyhood or girlfriend or girlhood or child* or girl*1 or juvenil* or kid*1 or minors or minors or paediatric* or paediatric* or pediatric* or preschool* or puber* or pubescen* or school* or teen* or toddler* or underage* or under-age* or youth* or youngster*).ti,ab,id.	1119680
5	(pediatric* or paediatric* or child* or adolescen* or young).in,jn,jx.	284867
6	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	100831
7	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	47434
8	2 or 3 or 4 or 5	1186379
9	6 or 7	122188
10	1 and 8 and 9	75
11	limit 10 to yr="2019"	6

## Clinical trials.gov (191119)

7 Studies found for: **melatonin | Completed Studies | Autism Spectrum Disorder**

Applied Filters:  Completed

Terms	Search Results*	Entire Database**
Synonyms		
<b>melatonin</b>	7 studies	533 studies
Circadin	3 studies	35 studies

Terms	Search Results*	Entire Database**
Synonyms		
Melatonine	--	4 studies
N-Acetyl-5-methoxytryptamine	--	15 studies
<b>Autism Spectrum Disorder</b>	7 studies	935 studies
autistic spectrum disorder	1 studies	34 studies
autistic disorders spectrum	--	6 studies
Pervasive Development Disorder	--	7 studies
Pervasive Developmental Disorders	--	75 studies
<b>Disorder</b>	7 studies	236,512 studies
Diseases	6 studies	217,087 studies
condition	--	10,873 studies
<b>Spectrum</b>	7 studies	4,318 studies
Spectral	--	145 studies
<b>Autism</b>	7 studies	1,000 studies
autistics		

De 7 studier er lagt i Covidence screen

## PICO 8 prim. (antipsykotika)

### Medline (240120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 23, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	49358
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	23482
3	Autism Disorder*.mp.	119

4	Autistic Disorder/ or Autistic Disorder*.mp.	20487
5	autistic*.mp.	24868
6	Asperger Syndrome/ or asperger*.mp.	2730
7	asperger*.mp.	2730
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10382
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	or/1-9	63503
11	Antipsychotic Agents/ or Antipsychotic*.mp.	68462
12	(anti-psychotic* or antipsychotic* or anti psychotic* or (major adj2 tranquilizer*) or Neuroleptic*).ti,ab,kw,kf.	56049
13	aripiprazol*.mp.	4150
14	Risperidone/ or risperidon*.mp.	9957
15	ziprasidon*.mp.	1981
16	Lurasidone Hydrochloride/ or lurasidon*.mp.	441
17	Clozapine/ or clozapin*.mp.	12616
18	Olanzapine/ or olanzapin*.mp.	9093
19	quetiapin*.mp. or Quetiapine Fumarate/	5030
20	asenapin*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	399
21	amisulprid*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	1258
22	amisulprid*.mp. or Amisulpride/	1258
23	Paliperidone Palmitate/ or paliperidon*.mp.	1351
24	cariprazin*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	189
25	brexpiprazol*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	176
26	or/11-25	84637
27	10 and 26	1230

28	limit 27 to (controlled clinical trial or randomized controlled trial)	99
29	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	675733
30	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	276489
31	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	169882
32	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	251491
33	29 or 30 or 31 or 32	872844
34	27 and 33	272
35	28 or 34	282
36	limit 35 to yr="2018 - 2020"	35

## Embase (240120)

Database(s): **Embase** 1996 to 2020 Week 03

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	76436
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	51432
3	Autism Disorder*.mp.	189
4	Autistic Disorder/ or Autistic Disorder*.mp.	20994
5	autistic*.mp.	13902
6	Asperger Syndrome/ or asperger*.mp.	5250
7	asperger*.mp.	5250
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	142730
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	19010
10	or/1-9	212731
11	Antipsychotic Agents/ or Antipsychotic*.mp.	91817
12	(anti-psychotic* or antipsychotic* or anti psychotic* or (major adj2 tranquilizer*) or Neuroleptic*).ti,ab,kw.	67441
13	aripiprazol*.mp.	15409
14	Risperidone/ or risperidon*.mp.	36209

15	ziprasidon*.mp.	9063
16	Lurasidone Hydrochloride/ or lurasidon*.mp.	1592
17	Clozapine/ or clozapin*.mp.	29170
18	Olanzapine/ or olanzapin*.mp.	34219
19	quetiapin*.mp. or Quetiapine Fumarate/	23516
20	asenapin*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	1434
21	amisulprid*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	5541
22	amisulprid*.mp. or Amisulpride/	5541
23	Paliperidone Palmitate/ or paliperidon*.mp.	4515
24	cariprazin*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	515
25	brexpiprazol*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	432
26	or/11-25	133620
27	10 and 26	13746
28	limit 27 to (randomized controlled trial or controlled clinical trial)	789
29	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	807952
30	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	319082
31	((single or double or triple) adj1 (blind* or mask*)).ti,ab.	184453
32	29 or 30 or 31	911129
33	27 and 32	1473
34	28 or 33	1789
35	limit 34 to yr="2018 - 2020"	182

## Psycinfo (270120)

Database(s): **PsycINFO** 1806 to January Week 3 2020

Search Strategy:

#	Searches	Results
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1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	52612
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45320
3	Autism Disorder*.mp.	101
4	Autistic Disorder/ or Autistic Disorder*.mp.	11635
5	autistic*.mp.	21631
6	Asperger Syndrome/ or asperger*.mp.	4451
7	asperger*.mp.	4451
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6122
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	or/1-9	59247
11	Antipsychotic Agents/ or Antipsychotic*.mp.	40264
12	[(anti-psychotic* or antipsychotic* or anti psychotic* or (major adj2 tranquilizer*) or Neuroleptic*).ti,ab,kw,kf.]	0
13	aripiprazol*.mp.	2808
14	Risperidone/ or risperidon*.mp.	7419
15	ziprasidon*.mp.	1330
16	Lurasidone Hydrochloride/ or lurasidon*.mp.	227
17	Clozapine/ or clozapin*.mp.	8189
18	Olanzapine/ or olanzapin*.mp.	6291
19	quetiapin*.mp. or Quetiapine Fumarate/	3737
20	asenapin*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	218
21	amisulprid*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	786
22	amisulprid*.mp. or Amisulpride/	786
23	Paliperidone Palmitate/ or paliperidon*.mp.	716
24	cariprazin*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	83
25	brexpiprazol*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	75
26	or/11-25	45401

27	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	96399
28	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	25896
29	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	57367
30	27 or 28 or 29	141946
31	10 and 26	963
32	30 and 31	193
33	limit 32 to yr="2018 - 2020"	16

### Clinical trias.gov (240120)

23 Studies found for: **antipsychotics | Completed Studies | Studies With Results | Autism Spectrum Disorder**

Also searched for **Autistics and Diseases**. [See Search Details](#)

Applied Filters:  **Completed**  **With Results**

### Terms and Synonyms Searched:

Terms	Search Results*	Entire Database**
Synonyms		
<b>antipsychotics</b>	23 studies	3,268 studies
Neuroleptics	--	215 studies
<b>Autism Spectrum Disorder</b>	23 studies	949 studies
Pervasive Developmental Disorders	2 studies	75 studies
autistic spectrum disorder	1 studies	34 studies
Pervasive Development Disorder	1 studies	7 studies
autistic disorders spectrum	--	6 studies
<b>Disorder</b>	23 studies	240,360 studies

Terms	Search Results*	Entire Database**
Synonyms		
Diseases	9 studies	219,344 studies
condition	--	11,066 studies
<b>Spectrum</b>	23 studies	4,376 studies
Spectral	--	147 studies
<b>Autism</b>	23 studies	1,016 studies
autistics	19 studies	742 studies

-- No studies found

\* Number of studies in the search results containing the term or synonym

\*\* Number of studies in the entire database containing the term or synonym

## PICO 9 prim. (gluten og casein)

### Medline (270120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 24, 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	49444
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	23524
3	Autism Disorder*.mp.	119
4	Autistic Disorder/ or Autistic Disorder*.mp.	20488
5	autistic*.mp.	24872
6	Asperger Syndrome/ or asperger*.mp.	2730
7	asperger*.mp.	2730
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10391
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	or/1-9	63595



11	Diet, Gluten-Free/ or gluten*.mp. or Glutens/	14243
12	casein*.mp.	34896
13	Celiac Disease/ or Celiac Disease*.mp.	22734
14	Caseins/ or Food Hypersensitivity/ or casein intolerance*.mp. or Milk Proteins/	40759
15	gluten intolerance*.mp.	354
16	casein-free*.mp.	105
17	casein intolerance*.mp.	1
18	Food Hypersensitivit*.mp.	15894
19	(diet* and elimination*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	6014
20	elimination diet*.mp.	1108
21	(elimination* and casein*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	211
22	(elimination* and gluten*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	204
23	GI.mp. or Gastrointestinal Diseases/	79027
24	gastrointestinal*.mp.	361778
25	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	469898
26	10 and 25	1133
27	limit 26 to (controlled clinical trial or randomized controlled trial)	36
28	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	675999
29	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	276548
30	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	169913
31	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	251574
32	28 or 29 or 30 or 31	873153

33	26 and 32	103
34	27 or 33	109
35	limit 34 to yr="2016 - 2020"	44

## Embase (270120)

Database(s): **Embase** 1996 to 2020 Week 04

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	76615
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	51576
3	Autism Disorder*.mp.	189
4	Autistic Disorder/ or Autistic Disorder*.mp.	21123
5	autistic*.mp.	13934
6	Asperger Syndrome/ or asperger*.mp.	5258
7	asperger*.mp.	5258
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	143116
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	19000
10	or/1-9	213283
11	Diet, Gluten-Free/ or gluten*.mp. or Glutens/	17164
12	casein*.mp.	26618
13	Celiac Disease/ or Celiac Disease*.mp.	26301
14	Caseins/ or Food Hypersensitivity/ or casein intolerance*.mp. or Milk Proteins/	23737
15	gluten intolerance*.mp.	400
16	casein-free*.mp.	149
17	casein intolerance*.mp.	3
18	Food Hypersensitivit*.mp.	1455

19	(diet* and elimination*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	7947
20	elimination diet*.mp.	1971
21	(elimination* and casein*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	263
22	(elimination* and gluten*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	314
23	GI.mp. or Gastrointestinal Diseases/	77373
24	gastrointestinal*.mp.	465118
25	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24	566078
26	10 and 25	6352
27	limit 26 to (controlled clinical trial or randomized controlled trial)	678
28	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	849033
29	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	319592
30	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	185601
31	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw.	317765
32	28 or 29 or 30 or 31	1076453
33	26 and 32	966
34	27 or 33	1125
35	limit 34 to yr="2016 - 2020"	241
36	limit 26 to ((randomized controlled trial or controlled clinical trial) and yr="2016 - 2020")	137
37	35 or 36	241

## Cinahl (270120)

#	Query	Results
S20	S13 AND S18	
	Limiters - Published Date: 20160101-20191231	39
S19	S13 AND S18	87
S18	S14 OR S15 OR S16 OR S17	473,650

S17	PT Randomized Controlled Trial	86,203	
S16	((patient* or person* or participant* or population* or allocate* or assign*) N3 (random* or blind* or mask*))	305,012	
S15	(placebo* or single-blind* or double-blind* or triple-blind* or ((single or double or triple) N1 (blind* or mask*))	99,667	
S14	((random* or cluster-random* or control#ed or crossover or cross-over or blind* or mask*) N3 (trial* or study or studies or analy*)) or rct)	449,145	
S13	S11 AND S12	723	
S12	S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10		228,081
S11	S1 OR S2	28,233	
S10	elimination diet*	239	
S9	gluten* and elimination*	56	
S8	casein* and elimination*	19	
S7	diet* and elimination*	772	
S6	(MH "Food Hypersensitivity+") OR "food hypersensitivit**"		5,664
S5	(MH "Diet+") OR (MH "Diet, Gluten-Free") OR "diet**"	220,902	
S4	(MH "Caseins") OR "casein**"	1,390	
S3	(MH "Gluten") OR (MH "Diet, Gluten-Free") OR (MH "Celiac Disease+") OR "gluten**"	6,243	
S2	(MH "Autistic Disorder") OR (MH "Asperger Syndrome") OR "autism"	26,670	
S1	autism* or ASD	24,852	

## PICO 10 prim. (neurofeedback)

### Medline (270120)

Database(s): **Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R)** 1946 to January 24, 2020  
 Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	49444
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	23524
3	Autism Disorder*.mp.	119
4	Autistic Disorder/ or Autistic Disorder*.mp.	20488
5	autistic*.mp.	24872
6	Asperger Syndrome/ or asperger*.mp.	2730
7	asperger*.mp.	2730

8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	10391
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	6532
10	or/1-9	63595
11	Neurofeedback/ or neurofeedback*.mp.	1649
12	Biofeedback, Psychology/ or Biofeedback*.mp.	10073
13	Biofeedback, Psychology/ or Biofeedback*.mp.	10073
14	neurotherap*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	615
15	Neurotherapeutic*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	524
16	Neurotherapeutic*.mp.	524
17	neurotherapies.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	9
18	auditory neurofeedback*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	2
19	EEG*.mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms]	77161
20	EEG.mp. or Electroencephalography/	164127
21	or/11-20	175133
22	10 and 21	1661
23	limit 22 to (controlled clinical trial or randomized controlled trial)	33
24	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw,kf.	675999
25	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	276548
26	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	169913
27	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw,kf.	251574

28	24 or 25 or 26 or 27	873153
29	22 and 28	67
30	23 or 29	78
31	limit 30 to yr="2009 - 2020"	55

## Embase (270120)

Database(s): **Embase** 1996 to 2020 Week 04  
Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	76615
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	51576
3	Autism Disorder*.mp.	189
4	Autistic Disorder/ or Autistic Disorder*.mp.	21123
5	autistic*.mp.	13934
6	Asperger Syndrome/ or asperger*.mp.	5258
7	asperger*.mp.	5258
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	143116
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	19000
10	or/1-9	213283
11	Neurofeedback/ or neurofeedback*.mp.	3277
12	Biofeedback, Psychology/ or Biofeedback*.mp.	7788
13	Biofeedback, Psychology/ or Biofeedback*.mp.	7788
14	neurotherap*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	1518
15	Neurotherapeutic*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	1293
16	Neurotherapeutic*.mp.	1293

17	neurotherapies.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	11
18	auditory neurofeedback*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	2
19	EEG*.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]	90203
20	EEG.mp. or Electroencephalography/	119582
21	or/11-20	130730
22	10 and 21	4336
23	limit 22 to (controlled clinical trial or randomized controlled trial)	113
24	((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj4 (trial*1 or study or studies or analy*)) or rct).ti,ab,kw.	849033
25	(placebo* or single-blind* or double-blind* or triple-blind*).ti,ab.	319592
26	((single or double or triple) adj2 (blind* or mask*)).ti,ab.	185601
27	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,kw.	317765
28	24 or 25 or 26 or 27	1076453
29	22 and 28	248
30	23 or 29	280
31	limit 30 to yr="2009 - 2020"	205

## Psycinfo (270120)

Database(s): **PsycINFO** 1806 to January Week 3 2020

Search Strategy:

#	Searches	Results
1	(autism* or ASD).mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	52612
2	Autism Spectrum Disorder*.mp. or Autism Spectrum Disorder/	45320
3	Autism Disorder*.mp.	101
4	Autistic Disorder/ or Autistic Disorder*.mp.	11635



5	autistic*.mp.	21631
6	Asperger Syndrome/ or asperger*.mp.	4451
7	asperger*.mp.	4451
8	Neurodevelopmental Disorders/ or neurodevelopmental disorder*.mp.	6122
9	Child Development Disorders, Pervasive.mp. or Child Development Disorders, Pervasive/	4447
10	or/1-9	59247
11	Neurofeedback/ or neurofeedback*.mp.	1932
12	Biofeedback, Psychology/ or Biofeedback*.mp.	7146
13	Biofeedback, Psychology/ or Biofeedback*.mp.	7146
14	neurotherap*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	1816
15	Neurotherapeutic*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	322
16	Neurotherapeutic*.mp.	322
17	neurotherapies.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	5
18	auditory neurofeedback*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	1
19	EEG*.mp. [mp=title, abstract, heading word, table of contents, key concepts, original title, tests & measures, mesh]	39334
20	EEG.mp. or Electroencephalography/	41762
21	or/11-20	49904
22	10 and 21	891
23	(((random* or cluster-random* or control?ed or crossover or cross-over or blind* or mask*) adj3 (trial*1 or study or studies or analy*)) or rct).ti,ab,id.	96399
24	((placebo* or single-blind* or double-blind* or triple-blind* or (single or double or triple)) adj2 (blind* or mask*)).ti,ab,id.	25896
25	((patient* or person* or participant* or population* or allocate* or assign*) adj3 (random* or blind* or mask*)).ti,ab,id.	57367
26	23 or 24 or 25	141946
27	22 and 26	31
28	limit 27 to yr="2009 - 2020"	25