

Title of Publication	Authors	Year of Principal Publication	Study design	Information sources (e.g., MEDLINE, PubMed, etc)	Search date	Number of studies screened	Number of primary studies included	AMSTAR score
Treatment for amphetamine dependence and abuse	Srisurapanont, M.; Jarusuraisin, N.; Kittirattanapaiboon, P.	2001	Systematic review	Not Reported	2001, Updated April 2008	Not Reported	Not Reported	Insufficient information to assess
Treatment for amphetamine withdrawal	Srisurapanont, M.; Jarusuraisin, N.; Kittirattanapaiboon, P.	2001	Systematic review and meta-analysis	MEDLINE, Embase, CINAHL, CENTRAL	2001, Updated April 2008	Not Reported	2	Moderate
Treatment for amphetamine psychosis	Srisurapanont, M.; Kittirattanapaiboon, P.; Jarusuraisin, N.	2001	Systematic review	MEDLINE, Embase, CINAHL, CENTRAL	2001, Updated April 2008	Not Reported	0	Low
Psychosocial approaches to psychostimulant dependence: a systematic review	Shearer, J.	2007	Systematic review	MEDLINE, PsycINFO	Not Reported	Insufficient information to assess		Moderate
A systematic review of cognitive and behavioural therapies for methamphetamine dependence	Lee, N.K.; Rawson, R. A.	2008	Systematic review	MEDLINE, PsycINFO CINAHL PLUS (EPSCO), PubMed, Web of Science, Google Scholar, BIOSIS Previews, MDHS e-resource Trials	Not Reported	109,738 screened, 93 limited to methamphetamine	12	Critically Low
Treatment for amphetamine withdrawal	Shoptaw, S.J.; Kao, U.; Heinzerling, K.; Ling, W.	2009	Systematic review	MEDLINE, PsycINFO, CINAHL, CENTRAL, Article references	MEDLINE (1966-2008); CINAHL (1982-2008); PsycINFO (1806-2008); Cochrane Library 2008	1146	4	Moderate
Treatment for amphetamine psychosis	Shoptaw, S.J.; Kao, U.; Ling, W.	2009	Systematic review	MEDLINE, Embase, CINAHL, PsychINFO, CENTRAL, Article references	MEDLINE (1966-2007); CINAHL (1982-2007); PsycINFO (1806-2007); Cochrane Library 2008	8	1	Low
Efficacy of indirect dopamine agonists for psychostimulant dependence: A systematic review and meta-analysis of randomized controlled trials	Perez-Mana, C.; Castells, X.; Vidal, X.; Casas, M.; Capella, D.	2011	Systematic review and meta-analysis	MEDLINE, CENTRAL, ClinicalTrials.gov	Up to September 2009	288	29 (28 in meta-analysis)	Moderate
Efficacy and tolerability of baclofen in substance use disorders: A systematic review	Agabio, R.; Preti, A.; Gessa, G.L.	2013	Systematic review	MEDLINE, PubMed,	January 1990 to December 2012	430	11 (4 in meta-analysis)	Critically Low
Antipsychotics for cocaine or psychostimulant dependence: Systematic review and meta-analysis of randomized, placebo-controlled trials	Kishi, T.; Matsuda, Y.; Iwata, N.; Correll, C.U.	2013	Systematic review	PubMed, PsycINFO, Cochrane Library	Inception to June 24, 2013	363	14	Moderate
Efficacy of psychostimulant drugs for amphetamine abuse or dependence	Perez-Mana, C.; Castells, X.; Torrens, M.; Capellán, D.; Farre, M.	2013	Systematic review	PubMed, Embase, PsycINFO, CENTRAL, Cochrane Drugs and Alcohol Group clinical trials register, ClinicalTrials.gov, Article references, WHO ICTRP, EU Clinical Trials Register	Inception to June 2012	20	11	High

Systematic review of N-acetylcysteine in the treatment of addictions	Asevedo, E.; Mendes, A. C.; Berk, M.; Brietzke, E.	2014	Systematic review	MEDLINE, Embase, PsycINFO	Up to May 2013	11	9	Critically Low
Are Mindfulness-Based Interventions Effective for Substance Use Disorders? A Systematic Review of the Evidence	Chiesa, A.; Serretti, A.	2014	Systematic Review	MEDLINE, Embase, PsycINFO, Web of Science	Up to December 2011	887	24	Critically Low
Cognitive-behavioural treatment for amphetamine-type stimulants (ATS) use disorders	Harada, T.; Tsutomi, H.; Mori, R.; Wilson, D.B.	2014	Systematic review	MEDLINE, Embase, PsycINFO, CENTRAL, Web of Science, ClinicalTrials.gov, Cochrane Drugs and Alcohol Group clinical trials register, WHO ICTRP	Up to July 2018	813	4 (2 in meta-analysis)	High
Methamphetamine use and treatment in Iran: A systematic review from the most populated Persian Gulf country	Alam-mehrjerdi, Z.; Mokri, A.; Dolan, K.	2015	Systematic review	MEDLINE, Embase, PubMed, Scientific Information Database (SID), Magiran, IranMedex, Scientific Persian & English conference presentations websites	January 2002 to September 2014	19208	42	Critically Low
Clinical trials of N-acetylcysteine in psychiatry and neurology: A systematic review	Deepmala; Slattery, J.; Kumar, N.; Delhey, L.; Berk, M.; Dean, O.; Spielholz, C.; Frye, R.	2015	Systematic review	EmbBase, OvidMedline, PubMed, PsychINFO, CINAHL, Google Scholar, Scopus, Cochrane Library, ERIC databases	Inception to March 2015	Not Reported	65	Critically Low
Treatment of toxicity from amphetamines, related derivatives, and analogues: A systematic clinical review	Richards, J.R.; Albertson, T.E.; Derlet, R.W.; Lange, R.A.; Olson, K.R.; Horowitz, B.Z.	2015	Systematic clinical review	MEDLINE, PsycINFO, Cochrane Library	Inception to September 20, 2014	2109	81	Moderate
Psychosocial interventions for pregnant women in outpatient illicit drug treatment programs compared to other interventions	Terplan, M.; Ramanadhan, S.; Locke, A.; Longinaker, N.; Lui, S.	2015	Systematic review and meta-analysis	Embase, CINAHL, Pubmed, CENTRAL, Cochrane Drugs and Alcohol Group clinical trials register	May 2006, Updated January 2015	394	14	Moderate
Efficacy and safety of psychostimulants for amphetamine and methamphetamine use disorders: a systematic review and meta-analysis	Bhatt, M.; Zielinski, L.; Baker-Beal, L.; Bhatnagar, N.; Mouravska, N.; Laplante, P.; Worster, A.; Thabane, L.; Samaan, Z.	2016	Systematic review	MEDLINE, Embase, PsycINFO, CINAHL, CENTRAL	Inception to August 2016	1251	17 (14 in meta-analysis)	High
Pharmacological Treatments for Methamphetamine Use Disorder: A Systematic Review	Evans, J.	2016	Systematic review	PubMed	Inception to November 29, 2016	2765	11	Low
Psychosocial interventions for psychostimulant misuse	Minozzi, S.; Saulle, R.; De Crescenzo, F.; Amato, L.	2016	Systematic review	Embase, PsycINFO, CINAHL, CENTRAL, CENTRAL, Web of Science, ClinicalTrials.gov, Cochrane Drugs and Alcohol Group clinical trials register, WHO ICTRP	Inception to November 2015	3711	52	Moderate
Internet interventions for adult illicit substance users: a meta-analysis	Boumparis, N.; Karyotaki, E.; Schaub, M.P.; Cuijpers, P.; Riper, H.	2017	Meta-analysis and systematic literature search	Embase, PsycINFO, PubMed, Cochrane Library	Up to January 2016	580	17 RCTs; 18 comparisons	Moderate

Cognitive-behavioural therapies and motivational interviewing for methamphetamine use disorders: A systematic review	Cohen, J.Y.; Huguet, G.; Cohen, J.; Vera, L.; Dardennes, R.	2017	Systematic review	MEDLINE, ClinicalTrials.gov, Cochrane Library	Up to March 2017	369	6	Critically Low
Managing attention deficit hyperactivity disorder in adults using illicit psychostimulants: A systematic review	Cook, J.; Lloyd-Jones, M.; Arunogiri, S.; Ogden, E.; Bonomo, Y.	2017	Systematic review	MEDLINE, Embase, CINAHL, PsycINFO, Cochrane Library	November 2016; MEDLINE from 1946; Embase 1947; CINAHL 1981; PsycINFO 1806	1879	8	Low
N-acetylcysteine in the treatment of craving in substance use disorders: Systematic review and meta-analysis	Duailibi, M.S.; Cordeiro, Q.; Brietzke, E.; Ribeiro, M.; LaRowe, S.; Berk, M.; Trevizol, A P.	2017	Systematic review and meta-analysis	MEDLINE, ClinicalTrials.gov, Cochrane Library	Up to February 2017	448	7	Moderate
A systematic review of psychological treatment for methamphetamine use and associated mental health symptom outcomes	Stuart, A.M. (Thesis)	2017	Systematic review	MEDLINE, Embase, PsycINFO, CINAHL, Scopus, Clinical Trial Registration Databases: (Cochrane, ClinicalTrials.gov, WHO ICTRP	Up to August 2017	1143	12 in qualitative synthesis 10 in quantitative synthesis	Moderate
Topiramate for the treatment of methamphetamine addiction: A meta-analysis	Andal, V.M.D.; Reyes, N.G.D.; Maligaso, C.P.D.	2018	Meta-analysis (not a systematic review)	Not Reported	Not Reported	3	2	Critically Low
Anaerobic exercise training in the therapy of substance use disorders: A systematic review	Colledge, F.; Gerber, M.; Puhse, U.; Ludyga, S.	2018	Systematic review	MEDLINE, PsycINFO, Web of Science, Google Scholar, SPORTDiscus	Not Reported	2813	26	Moderate
Comparative efficacy and acceptability of psychosocial interventions for individuals with cocaine and amphetamine addiction: A systematic review and network meta-analysis	De Crescenzo, F.; Ciabattini, M.; D'Alo, G.L.; De Giorgi, R.; Del Giovane, C.; Cassar, C.; Janiri, L.; Clark, N.; Ostacher, M.J.; Cipriani, A.	2018	Systematic review & network meta-analysis	Embase, PsycINFO, CINAHL, PubMed, Web of Science, Cochrane Drugs and Alcohol Group clinical trials register	Inception to April 8, 2018	4737	76	High
Psychosocial interventions in stimulant use disorders: A systematic review and qualitative synthesis of randomized controlled trials	De Giorgi, R.; Cassar, C.; D'Al, O.G.L.; Ciabattini, M.; Minozzi, S.; Economou, A.; Tambelli, R.; Lucchese, F.; Saulle, R.; Amato, L.; Janiri, L.; De Crescenzo, F.	2018	Systematic review	MEDLINE, Embase, PsycINFO, CINAHL, ISI Web of Science, Cochrane Drugs and Alcohol Group clinical trials register	Not Reported	4068	115	Low
Efficacy and safety of naltrexone for amphetamine and methamphetamine use disorder: A systematic review of randomized controlled trials	Lam, L.; Anand, S.; Li, X.; Li Tse, M.; Zhao, J.X.; Chan, E.W.Y.	2018	Systematic review of RCTs	Embase, PubMed, Cochrane library	April 2, 2017; Updated March 31, 2018	499	4	Low
Pharmacotherapy for amphetamine dependence: A systematic review	Lee, N.K.; Jenner, L.; Harney, A.; Cameron, J.	2018	Systematic review	MEDLINE, Embase, PsycINFO, Cochrane Database of Systematic Reviews	January 2013 Updated September 2016	2179	49	Low

Effect of exercise versus cognitive behavioural therapy or no intervention on anxiety, depression, fitness and quality of life in adults with previous methamphetamine dependency: a systematic review	Morris, L.; Stander, J.; Ebrahim, W.; Eksteen, S.; Meaden, O.A.; Ras, A.; Wessels, A.	2018	Systematic review	MEDLINE, CINAHL, PubMed, Scopus, Cochrane Library, PEDro, ProQuest, ScienceDirect	Inception to April 2016 Updated search June 2016 and May 2017	251	3	Low
Pharmacotherapy for Comorbid Adult Attention-Deficit Hyperactivity Disorder and Stimulant Dependence: A Systematic Review	Woon, L.S.; Hazli, Z.; Gan, L.L.Y.	2018	Systematic review	MEDLINE, PsychInfo, ClinicalTrials.gov, Hand-searching articles	Up to June 2017	1394	5	Moderate
Use of gabapentin in the treatment of substance use and psychiatric disorders: A systematic review	Ahmed, S.; Bachu, R.; Kotapati, P.; Adnan, M.; Ahmed, R.; Farooq, U.; Saeed, H.; Khan, A.M.; Zubair, A.; Qamar, I.; Begum, G.	2019	Systematic review	MEDLINE, PubMed	1990 - November 2018	1088	54	Critically Low
Pharmacotherapies for co-occurring substance use and bipolar disorders: A systematic review	Coles, A.S.; Sasiadek, J.; George, T.P.	2019	Systematic review	MEDLINE, PubMed, Google Scholar,	Articles published after 1990	46	29	Critically Low
Are computer-based treatment programs effective at reducing symptoms of substance misuse and mental health difficulties within adults? A systematic review	Dugdale, S.; Elison-Davies, S.; Semper, H.; Ward, J.; Davies, G.	2019	Systematic review	MEDLINE, PsycINFO, CINAHL, PsycARTICLES, Web of Science, ProQuest, Cochrane Library, ResearchGate, ProQuest, OpenGrey, ETHOS,	August/September 2017. Updated search conducted March 2019	5210	33	Low
Can scare tactics and fear-based messages help deter substance misuse: a systematic review of recent (2005-2017) research	Esrick, J.; Kagan, R.G.; Carnevale, J.T.; Valenti, M.; Rots, G.; Dash, K.	2019	Systematic review	MEDLINE, PsychINFO, PsycARTICLES, SocINDEX, Health Policy Reference Center, Psychology and Behavioral Sciences Collection	2005 to November 2017	Not Reported	17	Critically Low
Antipsychotics for amphetamine psychosis. A systematic review	Fluyau, D.; Mitra, P.; Lorthe, K.	2019	Systematic review	MEDLINE, Embase, PubMed, Scopus, ClinicalTrials.gov, Google Scholar, Cochrane Library, ProQuest, EBSCOhost, National Library of Medicine, Grey literature	Inception to November 2018	643	6	Moderate
Psychological interventions for co-occurring depression and substance use disorders	Hides, L.; Quinn, C.e; Stoyanov, S.; Kavanagh, D.; Baker, A.	2019	Systematic review and meta-analysis	Embase, CINAHL, PubMed, CENTRAL, Google Scholar, ClinicalTrials.gov, ISRCTN registry	Up to February 2019	19087	7	High
Psychosocial interventions for people with both severe mental illness and substance misuse	Hunt, G.E.; Siegfried, N.; Morley, K.; Brooke-Sumner, C.; Cleary, M.	2019	Systematic review and meta-analysis	MEDLINE, Embase, PsycINFO, CINHAL, PubMed, CENTRAL, ClinicalTrials.gov, ProQuest Dissertations, AMED, BIOSIS, WHO (ICTRP), Theses A&I, Chinese databases (CBM, CNKI, and Wanfang), hand-searches, Grey literature, conference proceedings	Up to October 2018	99	41	High

Treatment of amphetamine abuse/use disorder: a systematic review of a recent health concern	Khoramizadeh, M.; Effatpanah, M.; Mostaghimi, A.; Rezaei, M.; Mahjoub, A.a; Shishhegar, S.	2019	Systematic review	MEDLINE (via PubMed), Embase, PsychINFO, CINAHL, Web of Science, CENTRAL, Scopus, Cochrane Drugs and Alcohol Group clinical trials register, Scientific Information Database (SID), Magiran, IranMedex	January 2001 to March 2019	2573	10	Moderate
Interventions to address substance use and sexual risk among gay, bisexual and other men who have sex with men who use methamphetamine: A systematic review	Knight, R.; Karamouzian, M.; Carson, A.; Edward, J.; Carrieri, P.; Shoveller, J.; Fairbairn, N.; Wood, E.; Fast, D.	2019	Systematic review, interventional studies of MA/A use	MEDLINE, Embase, PsychINFO, CINAHL, CENTRAL, Web of Science, Google Scholar	October 23rd, 2017	935	28	Moderate
Effects of non-invasive brain stimulation on stimulant craving in users of cocaine, amphetamine or methamphetamine: A systematic review and meta-analysis	Ma, T.; Sun, Y.; Ku, Y.	2019	Systematic review and meta-analysis	PsycINFO, PubMed, Google Scholar, Psychology & Behavioral Sciences Collection, PsycARTICLES,	Not Reported	2530	12 eligible studies, 16 units of analysis coded for meta-analysis	Critically Low
Psychosocial treatment for methamphetamine use and the associated mental health symptoms	Mann, Amrit; Wagstaff, Chris	2019	Systematic review	PubMed, Embase, Ovid MEDLINE, PsycINFO, CINAHL	Articles published 2008-2018	3022	12	Critically Low
Impact of mobile phone-based interventions on methamphetamine use and high-risk sexual behaviors in men who have sex with men (MSM): A systematic review	Ameri, A.; Keshvaridoost, S.; Bahaadinbeigy, K.	2020	Systematic review	PsycINFO, PubMed, Google Scholar, Web of Science, Scopus	Not reported to 2019	250	5	Critically Low
Non-pharmacological interventions for methamphetamine use disorder: a systematic review	AshaRani, P.V.; Hombali, A.; Seow, E.; Ong, W.J.; Tan, J.H.; Subramaniam, M.	2020	Systematic review	MEDLINE, Embase, PsycINFO, CINAHL, Web of Science	January 1995 to February 2020	1457	44	Moderate
Contingency management for the treatment of methamphetamine use disorder: A systematic review	Brown, H.D.; DeFulio, A.	2020	Systematic review	MEDLINE, PsycINFO, Web of Science	Up to August 2020	172	27	Critically Low
A systematic review and meta-analysis of medications for stimulant use disorders in patients with co-occurring opioid use disorders	Chan, B.; Freeman, M.; Ayers, C.; Korthuis, P.T.; Paynter, R.; Kondo, K.; Kansagara, D.	2020	Systematic review and meta-analysis	MEDLINE, PSycInfo, Cochrane Database of Systematic Reviews, Ovid EBM Reviews	Up to April 2019	486	35	High
The benefits of physical exercise on mental disorders and quality of life in substance use disorders patients. Systematic review and meta-analysis	Gimenez-Meseguer, J.; Tortosa-Martinez, J.; Cortell-Tormo, J.M.	2020	Systematic review and meta-analysis	PubMed, Web of Science, Scopus	Not Reported	1223	59	Critically Low
Pharmacological treatment of methamphetamine/amphetamine dependence: A systematic review	Siefried, K.J.; Acheson, L.S.; Lintzeris, N.; Ezard, N.	2020	Systematic review	Embase, CINAHL, PubMed, Scopus	Up to June 19, 2019	1166	43	Moderate

Efficacy and dropout rates of antipsychotic medications for methamphetamine psychosis: A systematic review and network meta-analysis	Srisurapanont, M.; Likhitsathian, S.; Suttajit, S.; Maneeton, N.; Maneeton, B.; Oon-arom, A.; Suradom, Chawisa	2020	Systematic review and network meta-analysis	Clinical Trials, , Pubmed, Scopus, Web of Science, Cochrane Library	June 15, 2020	841	6	Moderate
Pharmacological treatment of mood disorders and comorbid addictions: A systematic review and meta-analysis	Stokes, P.R.A.; Jokinen, T.; Amawi, S.; Qureshi, M.; Husain, M.I.; Yatham, L. N.; Strang, J.; Young, A.H.	2020	Systematic review and meta-analysis	MEDLINE, Embase, PsycINFO, PubMed, CENTRAL	Inception to September 19, 2017	3908	32	Moderate
Psychological treatment for methamphetamine use and associated psychiatric symptom outcomes: A systematic review	Stuart, A.M.; Baker, A.L; Denham, A.MJ; Lee, N.K; Hall, A.; Oldmeadow, C.; Dunlop, A.; Bowman, J.; McCarter, K.	2020	Systematic review	MEDLINE, Embase, PsycINFO, CINAHL, Scopus	Up to November 2018 Update to 2017 thesis above	1142	10 studies from 14 articles	Low
Prescription psychostimulants for the treatment of stimulant use disorder: a systematic review and meta-analysis	Tardelli, V.S.; Bisaga, A.; Arcadevani, F.B.; Gerra, G.; Levin, F.R.; Fidalgo, T.M.	2020	Systematic review and meta-analysis	PubMed/MEDLINE, ClinicalTrials.gov, LILACS	Up to September 2019	164	38	Moderate
Databases/Platforms								
CENTRAL	Cochrane Central Register of Controlled Trials							
CINAHL	Cumulative Index of Nursing and Allied Health Literature							
ClinicalTrials.gov	Web-based site to register protocols and submit results							
Cochrane Library	Includes Cochrane database of systematic reviews and CENTRAL							
Embase	Excerpta Medica Database							
ERIC	Education Resources Information Centre							
EThOS	E-Theses Online Service							
ICTRP	WHO International Clinical Trials Registry Platform							
ISRCTN Registry	International Standard Randomised Controlled Trial Number Registry							
LILACS	Latin America and Caribbean Health Science Literature							
Magiran	Iranian publications scientific and general magazines							
MEDLINE	Medical Literature Analysis and Retrieval System Online							
PubMed	Interface for searching MEDLINE							