

Supplementary Material

Supplementary Table S1 - Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews (PRISMA-ScR) Checklist

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
TITLE			
Title	1	Identify the report as a scoping review.	1
ABSTRACT			
Structured summary	2	Provide a structured summary that includes (as applicable): background, objectives, eligibility criteria, sources of evidence, charting methods, results, and conclusions that relate to the review questions and objectives.	2
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of what is already known. Explain why the review questions/objectives lend themselves to a scoping review approach.	2,3,4
Objectives	4	Provide an explicit statement of the questions and objectives being addressed with reference to their key elements (e.g., population or participants, concepts, and context) or other relevant key elements used to conceptualize the review questions and/or objectives.	2,3,4
METHODS			
Protocol and registration	5	Indicate whether a review protocol exists; state if and where it can be accessed (e.g., a Web address); and if available, provide registration information, including the registration number.	5
Eligibility criteria	6	Specify characteristics of the sources of evidence used as eligibility criteria (e.g., years considered, language, and publication status), and provide a rationale.	5,6
Information sources*	7	Describe all information sources in the search (e.g., databases with dates of coverage and contact with authors to identify additional sources), as well as the date the most recent search was executed.	5,6
Search	8	Present the full electronic search strategy for at least 1 database, including any limits used, such that it could be repeated.	6, Supplementary materials
Selection of sources of evidence†	9	State the process for selecting sources of evidence (i.e., screening and eligibility) included in the scoping review.	6
Data charting process‡	10	Describe the methods of charting data from the included sources of evidence (e.g., calibrated forms	6

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
		or forms that have been tested by the team before their use, and whether data charting was done independently or in duplicate) and any processes for obtaining and confirming data from investigators.	
Data items	11	List and define all variables for which data were sought and any assumptions and simplifications made.	6,7
Critical appraisal of individual sources of evidence§	12	If done, provide a rationale for conducting a critical appraisal of included sources of evidence; describe the methods used and how this information was used in any data synthesis (if appropriate).	7
Synthesis of results	13	Describe the methods of handling and summarizing the data that were charted.	6,7
RESULTS			
Selection of sources of evidence	14	Give numbers of sources of evidence screened, assessed for eligibility, and included in the review, with reasons for exclusions at each stage, ideally using a flow diagram.	7, Figure 1 – Prisma Diagram
Characteristics of sources of evidence	15	For each source of evidence, present characteristics for which data were charted and provide the citations.	7-16
Critical appraisal within sources of evidence	16	If done, present data on critical appraisal of included sources of evidence (see item 12).	7-13
Results of individual sources of evidence	17	For each included source of evidence, present the relevant data that were charted that relate to the review questions and objectives.	7-16, 28-38
Synthesis of results	18	Summarize and/or present the charting results as they relate to the review questions and objectives.	8-15, Table 4
DISCUSSION			
Summary of evidence	19	Summarize the main results (including an overview of concepts, themes, and types of evidence available), link to the review questions and objectives, and consider the relevance to key groups.	16-19
Limitations	20	Discuss the limitations of the scoping review process.	19,20
Conclusions	21	Provide a general interpretation of the results with respect to the review questions and objectives, as well as potential implications and/or next steps.	20
FUNDING			
Funding	22	Describe sources of funding for the included sources of evidence, as well as sources of funding for the scoping review. Describe the role of the funders of the scoping review.	21

JB I = Joanna Briggs Institute; PRISMA-ScR = Preferred Reporting Items for Systematic reviews and Meta-Analyses extension for Scoping Reviews.

* Where *sources of evidence* (see second footnote) are compiled from, such as bibliographic databases, social media platforms, and Web sites.

† A more inclusive/heterogeneous term used to account for the different types of evidence or data sources (e.g., quantitative and/or qualitative research, expert opinion, and policy documents) that may be eligible in a scoping review as opposed to only studies. This is not to be confused with *information sources* (see first footnote).

‡ The frameworks by Arksey and O'Malley (6) and Levac and colleagues (7) and the JBI guidance (4, 5) refer to the process of data extraction in a scoping review as data charting.

§ The process of systematically examining research evidence to assess its validity, results, and relevance before using it to inform a decision. This term is used for items 12 and 19 instead of "risk of bias" (which is more applicable to systematic reviews of interventions) to include and acknowledge the various sources of evidence that may be used in a scoping review (e.g., quantitative and/or qualitative research, expert opinion, and policy document).

From: Tricco AC, Lillie E, Zarin W, O'Brien KK, Colquhoun H, Levac D, et al. PRISMA Extension for Scoping Reviews (PRISMA-ScR): Checklist and Explanation. *Ann Intern Med*. 2018;169:467–473. doi: [10.7326/M18-0850](https://doi.org/10.7326/M18-0850).

Table S2 - Detailed Search Strategies

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	43
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	371
3	Ketamine/	16418
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	25104
5	3 or 4	26833
6	exp Psychotherapy/	231947
7	Combined Modality Therapy/	189614
8	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	68442

9	((("acceptance and commitment" or combined modality or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	17176
10	cognitive behavio?ral.tw.	34263
11	(behavio?r* adj (analysis or modification or therapy)).tw.	41015
12	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	41238
13	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2300
14	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	18586
15	or/6-14	513591
16	Depression/	170645
17	exp Mood Disorders/	179142
18	(depression or depressive or bipolar).tw.	593373
19	or/16-18	661013
20	1 and 19	33
21	2 and 5 and 19	15
22	5 and 15 and 19	253
23	or/20-22	260
24	limit 23 to english language	249

Ovid MEDLINE(R) ALL <1946 to February 27, 2026>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	69
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	468
3	Ketamine/	17035
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	26491
5	3 or 4	28223
6	exp Psychotherapy/	237628
7	Combined Modality Therapy/	191432
8	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	70696

9	((("acceptance and commitment" or combined modality or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	18122
10	cognitive behavio?ral.tw.	36752
11	(behavio?r* adj (analysis or modification or therapy)).tw.	43762
12	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	46212
13	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2497
14	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	20693
15	or/6-14	530570
16	Depression/	178999
17	exp Mood Disorders/	182505
18	(depression or depressive or bipolar).tw.	625944
19	or/16-18	693789
20	1 and 19	48
21	2 and 5 and 19	25
22	5 and 15 and 19	308
23	or/20-22	322
24	limit 23 to (english language and yr="2025 -Current")	87

Ovid APA PsycInfo <1806 to April 2025 Week 4>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	48
2	Psychedelic assisted therapy/	232
3	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	350
4	2 or 3	437
5	Ketamine/	3491
6	(ketamine or esketamine or s-ketamine or arketamine).tw.	5458

7	5 or 6	5474
8	exp Psychotherapy/	233949
9	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	232944
10	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	27005
11	cognitive behavio?ral.tw.	47127
12	(behavio?r* adj (analysis or modification or therapy)).tw.	59262
13	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	63619
14	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2523
15	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	2566
16	or/8-11	368346
17	exp Major depression/	180847
18	exp Persistent depressive disorder/	1673
19	exp Bipolar disorder/	36830
20	(depression or depressive or bipolar).tw.	401478
21	or/17-20	408782
22	1 and 21	34
23	4 and 7 and 21	29
24	7 and 16 and 21	143
25	or/22-24	150
26	limit 25 to (english language and "remove medline records")	91

APA PsycInfo <1806 to February 2026 Week 4>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	60
2	Psychedelic assisted therapy/	347
3	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	471
4	2 or 3	591
5	Ketamine/	3710
6	(ketamine or esketamine or s-ketamine or arketamine).tw.	5766
7	5 or 6	5782

8	exp Psychotherapy/	239346
9	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	237307
10	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	27907
11	cognitive behavio?ral.tw.	48916
12	(behavio?r* adj (analysis or modification or therapy)).tw.	61340
13	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	68519
14	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2711
15	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	2667
16	or/8-11	376530
17	exp Major depression/	189383
18	exp Persistent depressive disorder/	1706
19	exp Bipolar disorder/	37751
20	(depression or depressive or bipolar).tw.	416719
21	or/17-20	424142
22	1 and 21	41
23	4 and 7 and 21	33
24	7 and 16 and 21	161
25	or/22-24	171
26	limit 25 to (english language and yr="2025 -Current" and "remove medline records")	13

Ovid Embase <1974 to 2025 May>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	25
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	378

3	ketamine/	71725
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	35428
5	3 or 4	76911
6	exp Psychotherapy/	323816
7	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	93143
8	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	21741
9	cognitive behavio?ral.tw.	46364
10	(behavio?r* adj (analysis or modification or therapy or therapies)).tw.	56178
11	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	51347
12	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	3145
13	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	26172
14	or/6-13	439432
15	exp depression/	723106
16	exp bipolar disorder/	97746
17	(depression or depressive or bipolar).tw.	804999
18	or/15-17	1017985
19	1 and 18	17
20	2 and 5 and 18	33
21	5 and 14 and 18	1023
22	or/19-21	1033
23	limit 22 to (english language and "remove medline records")	397

Embase <1974 to 2026 February 27>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherapy or therapy or therapies)).tw.	39
2	(psychedelic-assisted adj2 (psychotherapy or therapy or therapies)).tw.	535
3	Ketamine/	80509
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	40080
5	3 or 4	86325
6	exp Psychotherapy/	360778

7	(psychotherap* or psychoanaly* or psychodynamic or psycholytic or therapy or therapies).tw.	4379349
8	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	25149
9	cognitive behavio?ral.tw.	55305
10	(behavio?r* adj (analysis or modification or therapy or therapies)).tw.	65893
11	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	63599
12	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	3889
13	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	31072
14	or/6-13	4617116
15	exp depression/	807785
16	exp bipolar disorder/	107373
17	(depression or depressive or bipolar).tw.	886408
18	or/15-17	1114880
19	1 and 18	26
20	2 and 5 and 18	50
21	5 and 14 and 18	3148
22	or/19-21	3148
23	limit 22 to (english language and "remove medline records" and yr="2025 - Current")	243

Proquest Dissertations & Theses Citation Index

May 6, 2025

	Search terms	Results	Number of citations kept
1	TS=((ketamine OR esketamine OR arketamine OR s-ketamine) AND (psychotherap* OR therapy OR therapies) AND (depress* OR bipolar)) and English (Languages)	64	

2	TI=(mouse OR mice OR rat OR rats OR rodent* OR animal*)	67044	4
3	TI=(pediatric OR paediatric OR child OR children OR youth OR adolescen* OR teen*)	174675	
4	#1 NOT (#2 OR #3)	59	

Proquest Dissertations & Theses Citation Index

March 2, 2026

	Search terms	Results	Number of citations kept
1	TS=((ketamine OR esketamine OR arketamine OR s-ketamine) AND (psychotherap* OR therapy OR therapies) AND (depress* OR bipolar)) and 2025 or 2026 (Publication Years) and English (Languages)	7	
2	TI=(mouse OR mice OR rat OR rats OR rodent* OR animal*)	20586	
3	TI=(pediatric OR paediatric OR child OR children OR youth OR adolescen* OR teen*)	53933	
4	#1 NOT (#2 OR #3)	7	

Google Scholar <https://scholar.google.com> – May 5, 2026

Keywords	No. of citations reviewed	No. of citations kept
ketamine-assisted psychotherapy depression	100	11
depression ketamine-assisted therapy	100	1
psychedelic-assisted therapy ketamine depressive	100	8
esketamine integrative therapy depression	100	0
TOTAL	400	20

Google Scholar <https://scholar.google.com> – March 2, 2026

Keywords	No. of citations reviewed	No. of citations kept
ketamine-assisted psychotherapy depression [filter: Since 2025]	100	19
depression ketamine-assisted therapy [filter: Since 2025]	100	2
psychedelic-assisted therapy ketamine depressive [filter: Since 2025]	100	6
esketamine integrative therapy depression [filter: Since 2025]	100	2
TOTAL	400	29

All database searches conducted on May 6, 2025, and repeated March 4, 2026.

Ovid MEDLINE(R) ALL <1946 to May 05, 2025>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	43
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	371
3	Ketamine/	16418
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	25104
5	3 or 4	26833
6	exp Psychotherapy/	231947
7	Combined Modality Therapy/	189614
8	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	68442
9	((("acceptance and commitment" or combined modality or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	17176
10	cognitive behavio?ral.tw.	34263
11	(behavio?r* adj (analysis or modification or therapy)).tw.	41015
12	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	41238
13	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2300

14	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	18586
15	or/6-14	513591
16	Depression/	170645
17	exp Mood Disorders/	179142
18	(depression or depressive or bipolar).tw.	593373
19	or/16-18	661013
20	1 and 19	33
21	2 and 5 and 19	15
22	5 and 15 and 19	253
23	or/20-22	260
24	limit 23 to english language	249

Updated Search March 2, 2026

Ovid MEDLINE(R) ALL <1946 to February 27, 2026>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	69
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	468
3	Ketamine/	17035
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	26491
5	3 or 4	28223
6	exp Psychotherapy/	237628
7	Combined Modality Therapy/	191432
8	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	70696
9	((("acceptance and commitment" or combined modality or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	18122
10	cognitive behavio?ral.tw.	36752
11	(behavio?r* adj (analysis or modification or therapy)).tw.	43762
12	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	46212
13	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2497

14	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	20693
15	or/6-14	530570
16	Depression/	178999
17	exp Mood Disorders/	182505
18	(depression or depressive or bipolar).tw.	625944
19	or/16-18	693789
20	1 and 19	48
21	2 and 5 and 19	25
22	5 and 15 and 19	308
23	or/20-22	322
24	limit 23 to (english language and yr="2025 -Current")	87

Ovid APA PsycInfo <1806 to April 2025 Week 4>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	48
2	Psychedelic assisted therapy/	232
3	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	350
4	2 or 3	437
5	Ketamine/	3491
6	(ketamine or esketamine or s-ketamine or arketamine).tw.	5458
7	5 or 6	5474
8	exp Psychotherapy/	233949
9	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	232944
10	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	27005
11	cognitive behavio?ral.tw.	47127
12	(behavio?r* adj (analysis or modification or therapy)).tw.	59262
13	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	63619

14	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2523
15	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	2566
16	or/8-11	368346
17	exp Major depression/	180847
18	exp Persistent depressive disorder/	1673
19	exp Bipolar disorder/	36830
20	(depression or depressive or bipolar).tw.	401478
21	or/17-20	408782
22	1 and 21	34
23	4 and 7 and 21	29
24	7 and 16 and 21	143
25	or/22-24	150
26	limit 25 to (english language and "remove medline records")	91

Updated Search MARCH 2, 2026

APA PsycInfo <1806 to February 2026 Week 4>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	60
2	Psychedelic assisted therapy/	347
3	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	471
4	2 or 3	591
5	Ketamine/	3710
6	(ketamine or esketamine or s-ketamine or arketamine).tw.	5766
7	5 or 6	5782
8	exp Psychotherapy/	239346
9	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	237307
10	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	27907
11	cognitive behavio?ral.tw.	48916
12	(behavio?r* adj (analysis or modification or therapy)).tw.	61340
13	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	68519

14	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	2711
15	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	2667
16	or/8-11	376530
17	exp Major depression/	189383
18	exp Persistent depressive disorder/	1706
19	exp Bipolar disorder/	37751
20	(depression or depressive or bipolar).tw.	416719
21	or/17-20	424142
22	1 and 21	41
23	4 and 7 and 21	33
24	7 and 16 and 21	161
25	or/22-24	171
26	limit 25 to (english language and yr="2025 -Current" and "remove medline records")	13

Ovid Embase <1974 to 2025 May>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherap* or therapy or therapies)).tw.	25
2	(psychedelic-assisted adj2 (psychotherap* or therapy or therapies)).tw.	378
3	ketamine/	71725
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	35428
5	3 or 4	76911
6	exp Psychotherapy/	323816
7	(psychotherap* or psychoanaly* or psychodynamic or psycholytic).tw.	93143
8	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	21741
9	cognitive behavio?ral.tw.	46364
10	(behavio?r* adj (analysis or modification or therapy or therapies)).tw.	56178

11	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	51347
12	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	3145
13	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	26172
14	or/6-13	439432
15	exp depression/	723106
16	exp bipolar disorder/	97746
17	(depression or depressive or bipolar).tw.	804999
18	or/15-17	1017985
19	1 and 18	17
20	2 and 5 and 18	33
21	5 and 14 and 18	1023
22	or/19-21	1033
23	limit 22 to (english language and "remove medline records")	397

Updated Search March 2, 2026

Embase <1974 to 2026 February 27>

	SEARCH TERMS	RESULTS
1	(ketamine-assisted adj2 (psychotherapy or therapy or therapies)).tw.	39
2	(psychedelic-assisted adj2 (psychotherapy or therapy or therapies)).tw.	535
3	Ketamine/	80509
4	(ketamine or esketamine or s-ketamine or arketamine).tw.	40080
5	3 or 4	86325
6	exp Psychotherapy/	360778
7	(psychotherap* or psychoanaly* or psychodynamic or psycholytic or therapy or therapies).tw.	4379349
8	((("acceptance and commitment" or compassion focus?ed or emotion focus?ed or existential or experiential or group or humanistic or integration or integrative or interpersonal or metacognitive or mentali?ation* or narrative or positive psychology or relationship or relaxation or schema or solution focus?ed or spiritually oriented or supportive or transdiagnostic or validation) adj therapy).tw.	25149
9	cognitive behavio?ral.tw.	55305
10	(behavio?r* adj (analysis or modification or therapy or therapies)).tw.	65893
11	(coping skills or emotion* regulation or guided imagery or inner directed or intensive outpatient or mindfulness or therapeutic alliance).tw.	63599

12	(telepsychotherapy or telepsychiatry or ((internet or online or virtual or web) adj2 therapy)).tw.	3889
13	((adjunct* or augmentation) adj2 (therapy or therapies)).tw.	31072
14	or/6-13	4617116
15	exp depression/	807785
16	exp bipolar disorder/	107373
17	(depression or depressive or bipolar).tw.	886408
18	or/15-17	1114880
19	1 and 18	26
20	2 and 5 and 18	50
21	5 and 14 and 18	3148
22	or/19-21	3148
23	limit 22 to (english language and "remove medline records" and yr="2025 - Current")	243

Proquest Dissertations & Theses Citation Index

May 6, 2025

	Search terms	Results	Number of citations kept
1	TS=((ketamine OR esketamine OR arketamine OR s-ketamine) AND (psychotherap* OR therapy OR therapies) AND (depress* OR bipolar)) and English (Languages)	64	4
2	TI=(mouse OR mice OR rat OR rats OR rodent* OR animal*)	67044	
3	TI=(pediatric OR paediatric OR child OR children OR youth OR adolescen* OR teen*)	174675	
4	#1 NOT (#2 OR #3)	59	

Proquest Dissertations & Theses Citation Index

March 2, 2026

	Search terms	Results	Number of citations kept
--	--------------	---------	--------------------------

1	TS=((ketamine OR esketamine OR arketamine OR s-ketamine) AND (psychotherap* OR therapy OR therapies) AND (depress* OR bipolar)) and 2025 or 2026 (Publication Years) and English (Languages)	7
2	TI=(mouse OR mice OR rat OR rats OR rodent* OR animal*)	20586
3	TI=(pediatric OR paediatric OR child OR children OR youth OR adolescen* OR teen*)	53933
4	#1 NOT (#2 OR #3)	7

Google Scholar <https://scholar.google.com> – May 5, 2026

Keywords	No. of citations reviewed	No. of citations kept
ketamine-assisted psychotherapy depression	100	11
depression ketamine-assisted therapy	100	1
psychedelic-assisted therapy ketamine depressive	100	8
esketamine integrative therapy depression	100	0
TOTAL	400	20

Google Scholar <https://scholar.google.com> – March 2, 2026

Keywords	No. of citations reviewed	No. of citations kept
ketamine-assisted psychotherapy depression [filter: Since 2025]	100	19
depression ketamine-assisted therapy [filter: Since 2025]	100	2
psychedelic-assisted therapy ketamine depressive [filter: Since 2025]	100	6
esketamine integrative therapy depression [filter: Since 2025]	100	2
TOTAL	400	29

Supplementary Table 3 – Search of Ongoing Clinical Trials

AREA[ConditionSearch](depression OR depressive) AND AREA[InterventionSearch](ketamine-assisted OR ketamine OR esketamine) AND AREA[InterventionSearch](psychotherapy OR behavioral OR acceptance OR compassion OR emotion OR existential OR experiential OR "group therapy" OR "group therapies" OR humanistic OR integration OR integrative OR interpersonal OR metacognitive OR mentalization OR narrative OR "positive psychology" OR relationship OR relaxation OR schema OR "solution focused" OR "spiritually oriented" OR transdiagnostic OR validation OR "guided imagery" OR mindfulness OR "therapeutic alliance" OR telepsychotherapy OR telepsychiatry OR virtual) NOT AREA[StdAge](CHILD)
Clinical trials.gov search strategy – March 4, 2026