

SUPPLEMENTARY.

Appendix 1. Search algorithms

A. Search algorithm in the PubMed database:

- #1 "Depressive Disorder, Major"[Mesh] OR "recurrent depressive disorder"[tiab] OR "F33"[tiab] OR "depress*"[tiab]
- #2 Alcoholism [Mesh] OR Alcoholism [tiab] OR "Alcohol Use Disorder"[tiab] OR "Alcohol abuse"[tiab] OR "Alcohol Dependence"[tiab] OR Alcoholi*[tiab] OR Addiction[tiab]
- #3 "Panic Disorder"[Mesh] OR panic*[tiab] OR "general anxiety disorder"[Supplementary Concept] OR "generalized anxiety disorder"[tiab] OR "GAD"[tiab] OR "Phobic Disorders"[Majr] OR "Agoraphobia"[Majr] OR "Phobia, Social"[Majr] OR "Phobia, Specific"[Supplementary Concept] OR phobi*[tiab] OR agoraphobi*[tiab] OR "social anxiety disorder"[tiab] OR acrophobi*[tiab] OR claustrophobi*[tiab] OR ophidiophobi*[tiab]
- #4 "Parkinson Disease"[Mesh] OR "Parkinson Diseas*"[tiab] OR "Parkinson's Diseas*"[tiab] OR "Primary Parkinson*"[tiab] OR "Idiopathic Parkinson*" [tiab] OR "parkinson disorder*"[tiab] OR "Parkinson's disorder*"[tiab]
- #5 Epilepsy[Mesh] OR "Epilepsy, Partial, Motor"[Mesh] OR "Epilepsy, Partial, Sensory "[Mesh] OR "Myoclonic Epilepsy, Juvenile"[Mesh] OR "Drug Resistant Epilepsy"[Mesh] OR "Epilepsy, Complex Partial"[Mesh] OR "Epilepsy, Temporal Lobe"[Mesh] OR "Epilepsy, Absence"[Mesh] OR "Epilepsy, Tonic-Clonic"[Mesh] OR "Epilepsy, Generalized"[Mesh] OR "Epilepsies, Myoclonic"[Mesh] OR "Epilepsies, Partial"[Mesh] OR epilep*[tiab] OR seizure*[tiab]
- #6 Fluvoxamine[Mesh] OR Fluvoxamin*[NM] OR fluvoxamin*[tw]
- #7 Agomelatine[Supplementary Concept] OR Agomelatine[NM] OR agomelatin*[tw]
- #8 #1 AND #2 AND (#6 OR #7)
- #9 #1 AND #3 AND (#6 OR #7)
- #10 #1 AND #4 AND (#6 OR #7)
- #11 #1 AND #5 AND (#6 OR #7)

B. Search algorithm in the Cochrane library database:

- #1 MeSH descriptor: [Depressive Disorder, Major]
- #2 (Depress* OR "recurrent depressive disorder" OR "F33"):ti,ab,kw
- #3 MeSH descriptor: [Alcoholism]
- #4 (Alcoholism OR "Alcohol Use Disorder" OR "Alcohol abuse" OR "Alcohol Dependence" OR Alcoholi* OR Addiction):ti,ab,kw
- #5 MeSH descriptor: [Agoraphobia]
- #6 MeSH descriptor: [Phobic Disorders]
- #7 MeSH descriptor: [Phobia, Social]
- #8 MeSH descriptor: [Panic Disorder]
- #9 ("generalized anxiety disorder" OR panic* OR GAD OR phobi* OR agoraphobi* OR "social anxiety disorder" OR acrophobi* OR claustrophobi* OR ophidiophobi*):ti,ab,kw
- #10 MeSH descriptor: [Parkinson Disease]
- #11 ((Parkinson NEXT Diseas*) OR (Parkinson's NEAR Diseas*) OR (Primary NEXT Parkinson*) OR (Idiopathic NEXT Parkinson*) OR (parkinson NEXT disorder*) OR (Parkinson's NEAR disorder*)):ti,ab,kw
- #12 MeSH descriptor: [Epilepsy]
- #13 MeSH descriptor: [Epilepsy, Partial, Motor]
- #14 MeSH descriptor: [Epilepsy, Partial, Sensory]
- #15 MeSH descriptor: [Myoclonic Epilepsy, Juvenile]

#16 MeSH descriptor: [Drug Resistant Epilepsy]

#17 MeSH descriptor: [Epilepsy, Complex Partial]

#18 MeSH descriptor: [Epilepsy, Temporal Lobe]

#19 MeSH descriptor: [Epilepsy, Absence]

#20 MeSH descriptor: [Epilepsy, Tonic-Clonic]

#21 MeSH descriptor: [Epilepsy, Generalized]

#22 MeSH descriptor: [Epilepsies, Myoclonic]

#23 MeSH descriptor: [Epilepsies, Partial]

#24 (epilep* OR seizure*):ti,ab,kw

#25 MeSH descriptor: [Fluvoxamine]

#26 (Fluvoxamin*): ti,ab,kw

#27 (agomelatine):ti,ab,kw

#28 (#1 OR #2) AND (#3 OR #4) AND (#25 OR #26 OR #27)

#29 (#1 OR #2) AND (#5 OR #6 OR #7 OR #8 OR #9) AND (#25 OR #26 OR #27)

#30 (#1 OR #2) AND (#10 OR #11) AND (#25 OR #26 OR #27)

#31 (#1 OR #2) AND (#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) AND (#25 OR #26 OR #27)

C. Search algorithm in the eLibrary database:

Search area: publication title, abstract, keywords, full text

Publication type: articles in journals

Search parameters: the search is carried out taking into account the morphology

The search in the eLibrary database is conducted step by step: first the term "depression" is entered, the search for subsequent terms is performed among the results found in the previous search step.

Search 1: depression alcoholism fluvoxamine (in Russ., депрессия алкоголизм флувоксамин)

Search 2: depression alcoholism agomelatine (in Russ., депрессия алкоголизм агомелатин)

Search 3: depression anxiety fluvoxamine (in Russ., депрессия тревога флувоксамин)

Search 4: depression anxiety agomelatine (in Russ., депрессия тревога агомелатин)

Search 5: depression Parkinson's disease fluvoxamine (in Russ., депрессия болезнь паркинсона флувоксамин)

Search 6: depression Parkinson's disease agomelatine (in Russ., депрессия болезнь паркинсона агомелатин)

Search 7: depression epilepsy fluvoxamine (in Russ., депрессия эпилепсия флувоксамин)

Search 8: depression epilepsy agomelatine (in Russ., депрессия эпилепсия агомелатин)