**Supplementary materials**

**SEARCH SYNTAX:**

magnesium AND (psychiatric disorders OR mental diseases OR psychotic disorders OR psychosis OR ultra-high risk psychosis OR schizophrenia OR bipolar disorder OR major depressive disorder OR affective disorder OR depression OR personality disorder OR anxiety disorder OR obsessive-compulsive disorder OR eating disorders OR ADHD OR autism)

clinical studies:

- Classical Article
- Clinical Study
- Clinical Trial
- Clinical Trial Protocol
- Clinical Trial, Phase I
- Clinical Trial, Phase II
- Clinical Trial, Phase III
- Clinical Trial, Phase IV
- Comparative Study
- Controlled Clinical Trial
- Dataset
- Editorial
- Evaluation Study
- Guideline
- Introductory Journal Article
- Journal Article
- Letter
- Multicenter Study
- Observational Study
- Overall
- Practice Guideline
- Pragmatic Clinical Trial
- Randomized Controlled Trial
- Review
- Validation Study
Temporal criterion for strategy: past 10 years.

**VARIABLES abstracted for each article included:**

- **General information (with sub-columns)**
  - Title
  - First author
  - Country of origin
  - Date of publication
  - Publication status (preprint record, published on peer-reviewed journal)

- **Study design**

- **Clinical topics covered by the study (with sub-columns)**
  - psychiatric disorders”/ “mental diseases”,
  - “psychotic disorders”/ “psychosis”/ “ultra-high risk psychosis”/ “schizophrenia”,
  - “bipolar disorder”
  - “major depressive disorder”/ “affective disorder”/ “depression”,
  - “personality disorder”
  - “anxiety disorders”
  - “obsessive compulsive disorders”
  - “eating disorders”,
  - “ADHD”
  - “autism”