

Supplementary File 1. Complete Database-Specific Search Strategies.

Search period

The electronic searches were conducted from January 2004 to June 2024. The search strategies were adapted to the indexing system, field codes, Boolean operators, and syntax of each database.

The search strategy consisted of three main concepts:

1. **Stroke**
2. **Stroke readmission**
3. **Risk factors**

Controlled vocabulary terms (where available) and free-text terms were combined to maximize the sensitivity and reproducibility of the searches.

1. PubMed/MEDLINE

Database: PubMed/MEDLINE

Search period: January 2004 to June 2024

Language: English

Publication type: Systematic Review and Meta-Analysis

Search strategy

("Stroke"[Mesh] OR "Cerebrovascular Disorders"[Mesh] OR stroke[tiab] OR "cerebrovascular accident"[tiab]) AND ("Patient Readmission"[Mesh] OR readmission*[tiab] OR rehospitization*[tiab] OR "hospital readmission"[tiab]) AND ("Risk Factors"[Mesh] OR "risk factor*" [tiab] OR "modifiable risk factor*" [tiab] OR "preventable risk factor*" [tiab])

Applied filters

- English
- Systematic Review
- Meta-Analysis

Note: The search was conducted using both Medical Subject Headings (MeSH) and title/abstract free-text terms. Truncation (*) was used to retrieve variations of relevant terms.

2. Scopus

Database: Scopus

Search period: January 2004 to June 2024

Language: English

Search strategy

TITLE-ABS-KEY(stroke OR "cerebrovascular accident") AND TITLE-ABS-KEY(readmission* OR rehospitalization* OR "hospital readmission") AND TITLE-ABS-KEY("risk factor*" OR "modifiable risk factor*" OR "preventable risk factor*")

Applied limits

AND LIMIT-TO(LANGUAGE, "English") AND (LIMIT-TO(DOCTYPE, "re") OR LIMIT-TO(DOCTYPE, "ar"))

Note: The search was performed in the title, abstract, and keyword fields using the Scopus TITLE-ABS-KEY field code.

3. Web of Science Core Collection

Database: Web of Science Core Collection

Search period: January 2004 to June 2024

Language: English

Search strategy

TS=(stroke OR "cerebrovascular accident") AND TS=(readmission* OR rehospitalization* OR "hospital readmission") AND TS=("risk factor*" OR "modifiable risk factor*" OR "preventable risk factor*")

Applied limits

- English
- Review Article

Note: TS searches the Topic field, including title, abstract, author keywords, and Keywords Plus.