

**SUPPLEMENTARY FILE 2: SEARCH STRATEGY****Original Search Strategy:**

1. Grant application/proposal classification includes any of the following keywords:
  - a. 'MRC Trial'
  - b. 'Clinical Trial'
  - c. HRCS Research Activities AND Classification Name begins with [relevant classification code inserted]
2. Keyword search of 'Clinical Trial' on:
  - a. Organisation or Department Name
  - b. Joint Funder name
  - c. Funding Scheme or Call
  - d. Grant application:
    - i. Technical Summary,
    - ii. Lay Summary,
    - iii. Impact Summary,
    - iv. Aims and Objectives,
    - v. Title,
    - vi. Keywords.
3. Grant application submitted to:
  - a. Board Science Late Phase Trials
  - b. Board Science Methodology Research Panel

**Concepts and Keywords used in the Revised Search Strategy (on all database fields):**

1. Concept: Clinical Trials
  - Clinical Trials
  - Controlled Clinical Trials
  - Randomized Controlled Clinical Trials
  - Randomized Controlled Trials
  - Randomized Clinical Trials
2. Concept: Protocols
  - Clinical Protocols
  - Clinical Research Protocols
  - Treatment Protocols
3. Concept: Trials Monitoring
  - Clinical Trials Data Monitoring Committees
  - Data Monitoring Committees
  - Data and Safety Monitoring Boards
  - Safety Monitoring Boards
  - Phase 1 Clinical Trials
4. Concept: Phase I Trials
  - Phase I Clinical Trials
  - Phase 1 Clinical Trials
  - FDA Phase I Evaluation Studies
  - FDA Phase 1 Evaluation Studies
  - Human Microdosing Trials
  - FDA Phase 1 Drug Evaluation
  - FDA Phase I Drug Evaluation
5. Concept: Phase II Trials

- Phase II Clinical Trials
  - FDA Phase II Evaluation Studies
  - FDA Phase 2 Evaluation Studies
  - FDA Phase II Drug Evaluation
  - FDA Phase 2 Drug Evaluation
6. Concept: Phase 3 Clinical Trials
    - Phase 3 Clinical Trials
    - Phase III Clinical Trials
    - FDA Phase III Evaluation Studies
    - FDA Phase 3 Evaluation Studies
    - FDA Phase III Drug Evaluation
    - FDA Phase 3 Drug Evaluation
  7. Concept: Phase 4 Clinical Trials
    - Phase 4 Clinical Trials
    - Phase IV Clinical Trials
    - FDA Phase IV Drug Evaluation
    - FDA Phase 4 Evaluation Studies
    - FDA Phase IV Evaluation Studies
    - FDA Phase 4 Drug Evaluation
  8. Concept: Cohort Studies
    - Cohort studies
    - Closed Cohort Studies
    - Incidence Studies
    - Cohort Analysis
    - Historical Cohort Studies
    - Concurrent Studies
  9. Concept: Control Groups
    - Control Groups
  10. Concept: Crossover Design
    - Crossover Design
    - Cross-Over Trials
    - Crossover Trials
    - Cross-Over Design
    - Crossover Studies
  11. Concept: Double-Blind Method
    - Double-Blind Method
    - Double-Masked Method
    - Double-Blind Study
    - Double-Masked Study
  12. Concept: Feasibility Studies
    - Feasibility Studies
  13. Concept: Informed Consent
    - Informed Consent
  14. Concept: Intervention Studies
    - Intervention Studies
  15. Concept: Mass Screening
    - Mass Screening
  16. Concept: Multicenter Studies
    - Multicenter Studies
    - Multicenter Trials

17. Concept: Patient Compliance
  - Patient Compliance
  - Patient Non-Adherence
  - Patient Non-Compliance
  - Patient Nonadherence
  - Patient Cooperation
  - Patient Adherence
  - Patient Noncompliance
18. Concept: Placebos
  - Placebos
  - Sham Treatment
19. Concept: Research Design
  - Data Reporting
  - Research Technics
  - Data Adjustment
  - Research Proposal
  - Data Quality
  - Matched Groups
  - Research Techniques
  - Experimental Designs
  - Problem Formulation
  - Research Methodology
  - Scoring Methods
  - Error Sources
20. Concept: Single-Blind Method
  - Single-Blind Study
  - Single-Masked Method
  - Single-Masked Study
21. Concept: Investigational Therapies
  - Innovative Therapies
  - Experimental Therapies
  - Investigational Therapies
  - Investigational Treatments