BCG Search

Appendix 1. Full Search Strategy

Total articles: 748

Deduplication: 587

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| Ovid MEDLINE Database Search StrategySearch performed from inception to January 13, 2024 |
| #1 | (BCG or "Bacillus Calmette-Guerin").mp. [mp=ti, ab, tx, ct, sh, bt, ot, nm, hw, fx, kf, ox, px, rx, an, ui, sy, ux, mx] | 67599 |
| #2 | ("Mild Cognitive Impairment" or MCI or Alzheimer or "Vascular Dementia" or "Frontotemporal Dementia" or "Lewy Body Dementia" or Dementia).mp. [mp=ti, ab, tx, ct, sh, bt, ot, nm, hw, fx, kf, ox, px, rx, an, ui, sy, ux, mx] | 634587 |
| #3 | 1 and 2  | 497 |

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| EMBASE Database Search StrategySearch performed from inception to January 13, 2024 |
| #1 | 'bcg'/exp OR bcg OR 'bacillus calmette-guerin'/exp OR 'bacillus calmette-guerin' | 68826 |
| #2 | 'mild cognitive impairment' OR mci OR alzheimer OR 'vascular dementia' OR 'frontotemporal dementia' OR 'lewy body dementia' OR dementia | 521865 |
| #3 | #1 and #2 | 134 |

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| Cochrane Library Database Search StrategySearch performed from inception to January 13, 2024 |
| #1  | (BCG OR "Bacillus Calmette-Guerin")  | 2529 |
| #2  | MeSH descriptor: [BCG Vaccine] explode all trees | 1023 |
| #3 | MeSH descriptor: [Mycobacterium bovis] explode all trees  | 103 |
| #4  | (Alzheimer OR Dementia OR "Mild Cognitive Impairment" OR MCI) | 36145 |
| #5  | MeSH descriptor: [Dementia] explode all trees | 9395 |
| #6  | MeSH descriptor: [Alzheimer Disease] explode all trees | 5249 |
| #7  | MeSH descriptor: [Cognition Disorders] explode all trees | 7394 |
| #8 | MeSH descriptor: [Dementia, Vascular] explode all trees  | 434 |
| #9 | MeSH descriptor: [Frontotemporal Dementia] explode all trees | 125 |
| #10 | MeSH descriptor: [Lewy Body Disease] explode all trees | 134 |
| #11 | {OR #1-#3} | 2541 |
| ` | {OR #4-#10} | 39811 |
| #10  | {AND #11-#12}  | 8 |

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| WebofScience Database Search StrategySearch performed from inception to January 13, 2024 |
| #1 | ALL=((BCG OR "Bacillus Calmette-Guerin")) | 31365 |
| #2 | ALL=(Alzheimer OR Dementia OR "Mild Cognitive Impairment" OR MCI ) | 409302 |
| #3 | #1 AND #2 | 52 |

ClinicalTrials.gov Clinical Trials Registry Search Strategy

(Search performed from inception to January 13, 2024)

(BCG OR "Bacillus Calmette-Guerin") AND ("Mild Cognitive Impairment" OR MCI OR Alzheimer OR "Vascular Dementia" OR "Frontotemporal Dementia" OR "Lewy Body Dementia" OR Dementia)

4 results

Pubmed

(Search performed from inception to January 13, 2024)

(BCG OR "Bacillus Calmette-Guerin") AND (Alzheimer OR Dementia OR "Mild Cognitive Impairment" OR MCI)

53 results