*Additional File 3 Table S2: Eligible Articles Excluded from Final Review*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **GROUP** | **INCLUDED/ EXCLUDED** | **AUTHOR** | **STUDY TOPIC** | **DEMENTIA OUTCOME OR COHORT†** | **EXISTING DATA USE** | **DATA SOURCES** | **QUALITY SCORE** |
| 1 | Included | Brayne et al. [1] | Dementia at death and prevention | Outcome | Part | Death certificates | 15 |
| 1 | Excluded | Nicoll et al. [2] | Association between APOE, neuropathology and dementia | Outcome | Part | Death certificates | 11 |
| 1 | Excluded | Valenzuela et al. [3] | Cognitive lifestyle and protection from dementia | Outcome | Part | Death certificates | 13 |
| 1 | Excluded | Wharton et al. [4] | Epidemiological neuropathology | Outcome | Part | Death certificates | 7 |
| 2 | Included | Brayne et al. [5] | Neuropathological correlates of dementia | Outcome | Part | Death certificates | 15 |
| 2 | Excluded | Perales et al. [6] | Health related quality of life | Cohort | Part | Death certificates | 13 |
| 3 | Included | Clarke et al. [7] | Dementia incidence | Outcome | Part | Death certificates, hospital case notes | 14 |
| 3 | Excluded | Morgan et al. [8] | Incidence of dementia | Outcome | Part | Death certificates, hospital case notes | 13 |
| 3 | Excluded | Morgan et al. [9] | Incidence of dementia | Outcome | Part | Death certificates, hospital case notes | 13 |
| 3 | Excluded | Morgan et al. [10] | Risk factors for incident dementia | Outcome | Part | Death certificates, hospital case notes | 12 |
| 4 | Included | Imfeld et al. [11] | Epidemiology, comorbidities and medication in AD & VD | Outcome | Full | GPRD\* | 9 |
| 4 | Excluded | Imfeld et al. [12] | Risk of stroke in AD or VD | Cohort | Full | GPRD\*  | 8 |
| 4 | Excluded | Imfeld et al. [13] | Seizures in AD or VD | Cohort | Full | GPRD\* | 8 |
| 5 | Included | Newens et al. [14] | Ascertainment, incidence, prevalence & survival in pre-senile AD | Outcome | Part | Electronic hospital information systems (₸HAA, MHE, Körner), neuroradiology records, hospital case notes | 13 |
| 5 | Excluded | Kay et al. [15] | Survival, place of death and death certification in pre-senile dementia | Outcome | Part | Electronic hospital information systems (₸HAA, MHE, Körner), neuroradiology records, hospital case notes | 12 |
| 5 | Excluded | Newens et al. [16] | Death certification after a diagnosis of pre-senile dementia | Cohort | Part | Electronic hospital information systems (₸HAA, MHE, Körner), neuroradiology records, case notes | 8 |
| 6 | Included | Keenan et al. [17] | Glaucoma and AD/ VD | Both | Full | Hospital Episode Statistics | 15 |
| 6 | Excluded | Keenan et al. [18] | Macular degeneration, AD and dementia | Both | Full | Hospital Episode Statistics | 14 |
| 7 | Included | Wotton et al. [19] | Obesity and subsequent dementia | Outcome | Full | Hospital Episode Statistics linked with death records | 14 |
| 7 | Excluded | Goldacre et al. [20] | Cataract surgery and dementia | Cohort | Full | Hospital Episodes Statistics linked with mortality records | 8 |
| 7 | Excluded | Smolina et al. [21] | Risk of dementia in diabetes | Outcome | Full | Hospital Episode Statistics, linked to death records | 13 |
| 8 | Included | Sorahan et al. [22] | AD, MND and PD in magnetic field exposure | Outcome | Full | Death records | 12 |
| 8 | Excluded | Sorahan et al. [23] | Neurodegenerative disease and magnetic field exposure | Outcome | Full | Death records | 10 |
| 9 | Included |  |  |  |  |  |  |
| 9 | Excluded | Staff et al. [24] | Brain volume and survival | Outcome | Part | Case notes, imaging results | 15 |

*†: Was dementia ascertainment performed as the study outcome, or was dementia ascertainment performed in order to form a dementia cohort for which another outcome was determined.*

*₸HAA: Hospital Activity Analysis; MHE: Mental Health Enquiry system; Körner: Korner Episode Statstics (hospital information systems).*

*\*GPRD: General Practice Research Database*

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