Appendix K: Evidence review flow charts

K.1 Dementia diagnosis

K.1.1 Dementia diagnosis

1. What are the most effective methods of primary assessment to decide whether a person with suspected dementia should be referred to a dementia service?

2. What are the most effective methods of diagnosing dementia and dementia subtypes in specialist dementia diagnostic services?
K.1.1.11 Systematic reviews

<table>
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<th>Database</th>
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3,698 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied

3,584 Articles Excluded After Title/Abstract Screen

114 Articles Retrieved

Inclusion/Exclusion Criteria Applied

77 Articles Excluded After Full Text Screen

0 Articles Excluded During Data Extraction

37 Articles Included
K.1.1.21 Primary studies

- From included systematic reviews: 156 Citation(s)
- From systematic review search: 1 Citation(s)
- Primary study search: 8,047 Citation(s)
- Old guideline: 76 Citation(s)
- Citation searching of included studies: 1 Citation(s)
- Identified by committee members: 2 Citation(s)

8,283 Non-Duplicate Citations Screened

- Inclusion/Exclusion Criteria Applied: 7,903 Articles Excluded After Title/Abstract Screen

- 380 Articles Retrieved

- Inclusion/Exclusion Criteria Applied: 256 Articles Excluded After Full Text Screen
- 0 Articles Excluded During Data Extraction

124 Articles Included
K.1.21 Distinguishing dementia from delirium or delirium with dementia

2. What are the most effective methods of differentiating dementia or dementia with delirium from delirium alone?

- CENTRAL: 46 Citation(s)
- CDSR: 1 Citation(s)
- CINAHL: 574 Citation(s)
- DARE: 1 Citation(s)
- Embase (Ovid): 1,041 Citation(s)
- MEDLINE (Ovid): 1,048 Citation(s)
- MEDLINE In-Process (Ovid): 68 Citation(s)
- PsycINFO (Ovid): 742 Citation(s)

2,458 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied

2,418 Articles Excluded After Title/Abstract Screen

40 Articles Retrieved

Inclusion/Exclusion Criteria Applied

35 Articles Excluded After Full Text Screen

0 Articles Excluded During Data Extraction

5 Articles Included
K.1.31 Case finding for people at high risk of dementia

What are the most effective methods of case finding for people at high risk of dementia?

- MEDLINE (Ovid): 2,017 Citation(s)
- MEDLINE In-Process (Ovid): 106 Citation(s)
- Embase (Ovid): 1,187 Citation(s)
- CDSR: 12 Citation(s)
- CENTRAL: 341 Citation(s)
- DARE: 12 Citation(s)

2,278 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied

2,272 Articles Excluded After Title/Abstract Screen

6 Articles Retrieved

Inclusion/Exclusion Criteria Applied

5 Articles Excluded After Full Text Screen
0 Articles Excluded During Data Extraction

1 Articles Included
K.2.1 Involving people with dementia in decision about care

K.2.12 Barriers and facilitators to involvement in decision making for people living with dementia

3. What barriers and facilitators have an impact on involving people living with dementia in decisions about their present and future care?

4. What barriers and facilitators have an impact on how people living with dementia can make use of advance planning?

![Evidence review flow charts diagram]

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K.3.1 Care planning, review and co-ordination

K.3.1.2 Health and social care co-ordination

3. What are the most effective methods of care planning, focussing upon improving outcomes for people with dementia and their carers?

4. How should health and social care be co-ordinated for people living with dementia?

K.3.1.15 Qualitative evidence
### K.3.1.21 Quantitative evidence

[Flowchart showing the process of evidence review, including stages like Inclusion/Exclusion Criteria Applied, 5,656 Articles Excluded After Title/Abstract Screen, 70 Articles Retrieved, 55 Articles Excluded After Full Text Screen, and 26 Articles Included.]
K.3.21 Post diagnosis review for people living with dementia

2. How should people living with dementia be reviewed post diagnosis?

- Inclusion/Exclusion Criteria Applied
  - 4,065 Articles Excluded After Title/Abstract Screen
  - 33 Articles Retrieved
  - 55 Articles Excluded After Full Text Screen
  - 5 Articles Included
K.4.1 Inpatient care

K.4.12 Caring for people living with dementia who are admitted to hospital

3. How should people living with dementia be cared for when admitted to hospital?
K.5.1  Care setting transitions

K.5.12 Managing the transition between different settings for people living with dementia

- What are the most effective ways of managing the transition between different settings (home, care home, hospital, and respite) for people living with dementia?
K.6.1 Modifying risk factors for dementia progression

K.6.12 Risk factors for dementia progression

3. What effect does modifying risk factors have on slowing the progression of dementia?
**K.7.1 Cholinesterase inhibitors and memantine for dementia**

**K.7.12 Cholinesterase inhibitors and memantine for people living with Alzheimer's disease**

3. Who should start and review the following pharmacological interventions: (donepezil, galantamine, rivastigmine, memantine) for people with Alzheimer's disease and how should a review be carried out?
K.7.21 Cholinesterase inhibitors and memantine in Alzheimer’s disease

2. How effective is the co-prescription of cholinesterase inhibitors and memantine for the treatment of Alzheimer’s disease?

- CENTRAL: 178 Citation(s)
- CDSR: 2 Citation(s)
- DARE: 8 Citation(s)
- Embase (Ovid): 1,768 Citation(s)
- MEDLINE (Ovid): 438 Citation(s)
- MEDLINE In-Process (Ovid): 67 Citation(s)
- PsycINFO (Ovid): 192 Citation(s)

1,914 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied
1,861 Articles Excluded After Title/Abstract Screen

53 Articles Retrieved

Inclusion/Exclusion Criteria Applied
45 Articles Excluded After Full Text Screen
0 Articles Excluded During Data Extraction

8 Articles Included
1. When should treatment with donepezil, galantamine, rivastigmine, memantine be withdrawn for people with Alzheimer’s disease?
K.7.31 Pharmacological management of dementia with Lewy bodies

2 Review question

• What is the comparative effectiveness of donepezil, galantamine, memantine and rivastigmine for cognitive enhancement in dementia associated with Parkinson’s disease?
K.7.41 Cholinesterase inhibitors and memantine for types of dementia other than typical Alzheimer’s disease

2. How effective are cholinesterase inhibitors and memantine for types of dementia other than typical Alzheimer’s disease?

- CENTRAL: 206 Citation(s)
- CDSR: 10 Citation(s)
- DARE: 6 Citation(s)
- Embase (Ovid): 1,195 Citation(s)
- MEDLINE (Ovid): 430 Citation(s)
- MEDLINE In-Process (Ovid): 18 Citation(s)
- PsycINFO (Ovid): 365 Citation(s)
- HTA: 1 Citation(s)

1,772 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied

1,673 Articles Excluded After Title/Abstract Screen

99 Articles Retrieved

Inclusion/Exclusion Criteria Applied

83 Articles Excluded After Full Text Screen

0 Articles Excluded During Data Extraction

16 Articles Included
K.8.1 Drugs that may worsen cognitive decline

K.8.1.2 Drugs that may cause cognitive decline

3 • What drugs that may worsen cognitive decline are commonly prescribed in people diagnosed with dementia?

4 No search was carried out. See appendix N for the data provided by an expert witness for this review question.
1. What are the most effective tools to identify whether drugs may be the cause of cognitive decline in someone suspected of having dementia?
K.9.1 Non-pharmacological interventions for people living with dementia

K.9.12 Non-pharmacological interventions for people living with dementia

3. What are the most effective non-pharmacological interventions for supporting cognitive functioning in people living with dementia?

4. What are the most effective non-pharmacological interventions for supporting functional ability in people living with dementia?

5. What are the most effective non-pharmacological interventions to support wellbeing in people living with dementia?

6. See Appendix O for details

K.9.27 Supporting independence in people living with dementia

8. What are the most effective methods of supporting people living with dementia to reduce harm and stay independent?
K.9.31 Pre, peri and post-diagnostic counselling and support for people living with dementia and their families

- How effective are pre, peri & post-diagnostic counselling and support on outcomes for people living with dementia and their families?
K.10.1 Managing non-cognitive symptoms

K.10.12 Interventions for treating illness emergent non-cognitive symptoms in people living with dementia

3 • What are the most effective pharmacological interventions for managing illness emergent non-cognitive symptoms, such as psychosis, depression, behavioural changes in people living with dementia?
4  • What are the most effective non-pharmacological interventions for managing illness emergent non-cognitive symptoms, such as psychosis, depression, behavioural changes in people living with dementia?
K.11.1 Supporting informal carers

K.11.12 Supporting informal carers of people living with dementia

3 • How effective are carers’ assessments in identifying the needs of informal carers of people living with dementia?

4 • What interventions/services are most effective for supporting the wellbeing of informal carers of people living with dementia?
K.12.1 Staff training

K.12.1.5 Qualitative search

3 • What effect does training for staff working with people living with dementia have upon the experiences of people living with dementia in their care?
K.13 Needs of younger people living with dementia

K.13.12 The specific needs of younger people living with dementia

3. What are the specific needs of younger people living with dementia?
K.14.1 Assessing and managing comorbidities

K.14.12 Assessing and treating intercurrent illness in people living with dementia

3  • Are there effective methods for assessing intercurrent illness in people living with dementia that are different from those already in use for people who do not have dementia?

5  • Are there effective methods for treating intercurrent illness in people living with dementia that are different from those already in use for people who do not have dementia?
K.14.21 Management strategies for people living with dementia and co-existing physical long term conditions

- What are the optimal management strategies (including treatments) for people living with dementia with co-existing physical long term conditions?
K.14.31 Managing mental health conditions alongside dementia

2. What are the optimal management strategies (including treatments) for people with dementia and an enduring mental health condition?

- CENTRAL: 831 Citation(s)
- CDSR: 55 Citation(s)
- CINAHL: 1,540 Citation(s)
- DARE: 24 Citation(s)
- Embase (Ovid): 3,789 Citation(s)
- MEDLINE (Ovid): 2,862 Citation(s)
- MEDLINE In-Process (Ovid): 232 Citation(s)
- PsycINFO (Ovid): 1,328 Citation(s)
- HTA: 4 Citation(s)
- Bibliographic search: 5 Citation(s)

7,604 Non-Duplicate Citations Screened

Inclusion/Exclusion Criteria Applied

7,429 Articles Excluded After Title/Abstract Screen

85 Articles Retrieved

Inclusion/Exclusion Criteria Applied

85 Articles Excluded After Full Text Screen

0 Articles Excluded During Data Extraction

0 Articles Included
K.15.1 Palliative care: care towards and at the end of life

K.15.12 Palliative care

3 ● What models of palliative care are effective for people with dementia?

K.15.1.14 Qualitative search
K.16.1 Rerun searches

- CENTRAL: 1,842 Citation(s)
- CDSR: 28 Citation(s)
- CINAHL: 1,474 Citation(s)
- Embase (Ovid): 12,167 Citation(s)
- MEDLINE (Ovid): 8,643 Citation(s)
- MEDLINE In Process (Ovid): 4,100 Citation(s)
- PsycINFO (Ovid): 2,618 Citation(s)
- ASSIA: 167 Citation(s)
- Social Care Online: 88 Citation(s)
- Social Policy and Practice: 148 Citation(s)
- Social Services Abstracts: 45 Citation(s)
- MTA Database: 14 Citation(s)

13,763 Non-Duplicate Citation Screened

13,658 Articles Excluded After Title/Abstract Screen

1,05 Articles Retrieved

56 Articles Excluded After Full Text Screen

19 Articles Included

0 Articles Excluded During Data Extraction