

**Optimizing the Diagnosis and Management of Dementia within Primary
Care: A Systematic Review of Systematic Reviews**

Supplementary Information Appendixes 1, 2 and 3

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Primary care/Family medicine	Dementia	Systematic reviews
<p>Primary health care/ Physicians, primary care/ General practitioner/ Physicians, Primary Care/ed [Education] ((primary care or primary health care or primary healthcare or primary or general practice or general) adj2 (doctor* or physician* or practitioner* or practice*)).kf,tw Family practice/ General practice/ ((family or general) adj2 (practice* or medicine or doctor* or physician* or practitioner* or practice physician) or physicians, family or general medicine or general medical practice*).kw,tw</p>	<p>Dementia/ Dementia/px [Psychology] dementia*.kf,tw Dementia, Multi-Infarct/ AIDS Dementia Complex/ Lewy Bodies/ Lewy Bod*.mp Cognition disorders/ Cognition disorders/di [Diagnosis] (Cognition disorder* or disorder*, cognition or (cognitive adj2 (disorder* or defect* or disability or dysfunction or impairment))).kf,tw Memory Disorders/ (Memory disorder* or age related memory disorder* or memory deficit* or memory disorder*, age related or memory defect or memory impairment*).kf,tw Neurodegenerative Diseases/ (Neurodegenerative disease* or degenerative condition*, neurologic or degenerative neurological disease* or degenerative neurological disorder* or neurologic degenerative condition*).mp Alzheimer Disease/ ((Alzheimer adj2 (disease* or syndrome or dementia*)) or Alzheimer disease, early onset or Alzheimer disease, late onset or Alzheimer type dementia or Alzheimer type senile dementia or Alzheimer's disease* or</p>	<p>CADTH search for systematic reviews Limit to English language Systematic Reviews/Meta-Analysis/Health Technology Assessment – OVID Medline, Embase, PsycINFO 1. meta-analysis.pt. 2. meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/ 3. ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf,kw. 4. ((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ti,ab,kf,kw. 5. ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab,kf,kw. 6. (data synthes* or data extraction* or data abstraction*).ti,ab,kf,kw. 7. (handsearch* or hand search*).ti,ab,kf,kw. 8. (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab,kf,kw. 9. (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab,kf,kw. 10. (meta regression* or metaregression*).ti,ab,kf,kw. 11. (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw. 12. (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw.</p>

	<p>dementia, Alzheimer or early onset Alzheimer disease* or late onset Alzheimer disease* or dementia, Alzheimer).mp</p> <p>Neurocognitive Disorders/ (Neurocognitive disorder* or neurocognitive disease*).mp</p>	<p>13. (cochrane or (health adj2 technology assessment) or evidence report).jw.</p> <p>14. (meta-analysis or systematic review).md.</p> <p>15. (comparative adj3 (efficacy or effectiveness)).ti,ab,kf,kw.</p> <p>16. (outcomes research or relative effectiveness).ti,ab,kf,kw.</p> <p>17. ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab,kf,kw.</p> <p>18. or/1-17</p>
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Database: Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations and Daily <1946 to October 01, 2020>

Search Strategy:

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- 1 Primary Health Care/ (78241)
 - 2 Physicians, primary care/ (3534)
 - 3 Physicians, Primary Care/ed [Education] (451)
 - 4 ((primary care or primary health care or primary healthcare or primary) adj2 (doctor* or physician* or practitioner*)).kf,tw. (25959)
 - 5 general practice/ or family practice/ (75156)
 - 6 (family practice* or general practice* or family medicine or family doctor* or family physician*).kf,tw. (75746)
 - 7 or/1-6 (198484)
 - 8 Dementia/ (51505)
 - 9 Dementia/px [Psychology] (11404)
 - 10 dementia*.kf,tw. (115272)
 - 11 Dementia, Multi-Infarct/ (1089)
 - 12 AIDS Dementia Complex/ (3771)
 - 13 Lewy Bodies/ (1827)
 - 14 Lewy Bod*.mp. (10361)
 - 15 Cognition Disorders/ (64368)
 - 16 Cognition Disorders/di [Diagnosis] (21205)
 - 17 (Cognition disorder* or disorder* cognition).kf,tw. (466)
 - 18 Memory Disorders/ (21245)

- 19 (Memory disorder* or age related memory disorder* or memory deficit* or memory disorder*, age related).kf,tw. (13027)
- 20 Neurodegenerative Diseases/ (18094)
- 21 (Neurodegenerative disease* or degenerative condition*, neurologic or degenerative neurological disease* or degenerative neurological disorder* or neurologic degenerative condition*).mp. (59029)
- 22 Alzheimer Disease/ (94779)
- 23 ((Alzheimer adj2 (disease* or syndrome or dementia*)) or Alzheimer disease, early onset or Alzheimer disease, late onset or Alzheimer type dementia or Alzheimer type senile dementia or Alzheimer's disease* or dementia, Alzheimer or early onset Alzheimer disease* or late onset Alzheimer disease*).mp. (157267)
- 24 Neurocognitive Disorders/ (9234)
- 25 (Neurocognitive disorder* or neurocognitive disease*).mp. (11721)
- 26 or/8-25 (356876)
- 27 meta-analysis.pt. (120242)
- 28 meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/ (226258)
- 29 ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kf,kw. (202807)
- 30 ((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ti,ab,kf,kw. (11422)
- 31 ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab,kf,kw. (27954)
- 32 (data synthes* or data extraction* or data abstraction*).ti,ab,kf,kw. (28269)
- 33 (handsearch* or hand search*).ti,ab,kf,kw. (9546)
- 34 (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab,kf,kw. (27311)
- 35 (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab,kf,kw. (9738)
- 36 (meta regression* or metaregression*).ti,ab,kf,kw. (9340)
- 37 (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw. (322260)
- 38 (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw. (233774)
- 39 (cochrane or (health adj2 technology assessment) or evidence report).jw. (19813)
- 40 (meta-analysis or systematic review).mp. (300106)
- 41 (comparative adj3 (efficacy or effectiveness)).ti,ab,kf,kw. (14003)
- 42 (outcomes research or relative effectiveness).ti,ab,kf,kw. (9631)
- 43 ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab,kf,kw. (2259)

- 44 or/27-43 (491555)
- 45 7 and 26 and 44 (116)
- 46 limit 45 to english language (110)

Database: APA PsycInfo <1806 to September Week 4 2020>

Search Strategy:

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- 1 primary health care/ (18474)
 - 2 general practitioners/ or physicians/ or family medicine/ or family physicians/ (29513)
 - 3 ((primary care or primary health care or primary healthcare or primary or general practice or general adj2 (doctor* or physician* or practitioner* or practice*)),ti,ab,hw. (23845)
 - 4 (((family or general) adj2 (practice* or medicine or doctor* or physician* or practitioner* or practice physician)) or physicians, family or general medicine or general medical practice*).ti,ab,hw. (27591)
 - 5 or/1-4 (63299)
 - 6 dementia/ or neurocognitive disorders/ or aids dementia complex/ or dementia with lewy bodies/ or alzheimer's disease/ or cognitive impairment/ (100907)
 - 7 (dementia* or Lewy bod*).ti,ab,hw. (67476)
 - 8 (Cognition disorder* or disorder*, cognition or cognitive disorder* or cognitive defect* or cognitive disability or cognitive dysfunction or cognitive impairment).ti,ab,hw. (55960)
 - 9 (Neurocognitive disorder* or neurocognitive disease*).ti,ab,hw. (1322)
 - 10 ((Alzheimer adj2 (disease* or syndrome or dementia*)) or Alzheimer disease, early onset or Alzheimer disease, late onset or Alzheimer type dementia or Alzheimer type senile dementia or Alzheimer's disease* or dementia, Alzheimer or early onset Alzheimer disease* or late onset Alzheimer disease* or dementia, Alzheimer).ti,ab,hw. (59774)
 - 11 vascular dementia/ (2131)
 - 12 memory disorders/ (4399)
 - 13 (Memory disorder* or age related memory disorder* or memory deficit* or memory disorder*, age related or memory defect or memory impairment*).ti,ab,hw. (17622)
 - 14 neurodegenerative diseases/ (6112)
 - 15 (Neurodegenerative disease* or degenerative condition*, neurologic or degenerative neurological disease* or degenerative neurological disorder* or neurologic degenerative condition*).ti,ab,hw. (12461)
 - 16 or/6-15 (152987)
 - 17 meta-analysis.ti,ab,hw. (30479)
 - 18 meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/ (5189)

- 19 ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,hw. (37282)
- 20 ((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ti,ab,hw. (9435)
- 21 ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab,hw. (4958)
- 22 (data synthes* or data extraction* or data abstraction*).ti,ab,hw. (2617)
- 23 (handsearch* or hand search*).ti,ab,hw. (1286)
- 24 (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab,hw. (4847)
- 25 (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab,hw. (867)
- 26 (meta regression* or metaregression*).ti,ab,hw. (1764)
- 27 (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or bio-medical technology assessment*).mp,hw. (61616)
- 28 (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw. (25518)
- 29 (cochrane or (health adj2 technology assessment) or evidence report).jw. (0)
- 30 (meta-analysis or systematic review).md. (45469)
- 31 (comparative adj3 (efficacy or effectiveness)).ti,ab,hw. (2031)
- 32 (outcomes research or relative effectiveness).ti,ab,hw. (3558)
- 33 ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab,hw. (200)
- 34 or/17-33 (102059)
- 35 5 and 16 and 34 (86)
- 36 limit 35 to english language (83)

Database: Embase <1974 to 2020 October 01>

Search Strategy:

-
- 1 primary health care/ (66908)
 - 2 general practitioner/ (99815)
 - 3 ((primary care or primary health care or primary healthcare or primary or general practice or general) adj2 (doctor* or physician* or practitioner*)).kw,tw. (106721)
 - 4 general practice/ (78200)
 - 5 (((family or general) adj2 (practice* or medicine or doctor* or physician* or practitioner* or practice physician*)) or physicians, family or general medicine or general medical practice).kw,tw. (168423)
 - 6 or/1-5 (308500)

- 7 dementia/ or alzheimer disease/ or diffuse lewy body disease/ or hiv associated dementia/ (295351)
- 8 (dementia* or Lewy bod* or (Alzheimer adj2 (disease* or syndrome or dementia*)) or Alzheimer disease, early onset or Alzheimer disease, late onset or Alzheimer type dementia or Alzheimer type senile dementia or Alzheimer's disease* or dementia, Alzheimer or early onset Alzheimer disease* or late onset Alzheimer disease* or dementia, Alzheimer).kw,tw. (308586)
- 9 multiinfarct dementia/ (12376)
- 10 cognitive defect/ (167492)
- 11 (Cognition disorder* or disorder*, cognition or (cognitive adj2 (disorder* or defect* or disability or dysfunction))).kw,tw. (37759)
- 12 memory disorder/ (36378)
- 13 (Memory disorder* or age related memory disorder* or memory deficit* or memory disorder*, age related or memory defect or memory impairment*).kw,tw. (33208)
- 14 degenerative disease/ (55246)
- 15 (Neurodegenerative disease* or degenerative condition*, neurologic or degenerative neurological disease* or degenerative neurological disorder* or neurologic degenerative condition*).kw,tw. (65950)
- 16 "disorders of higher cerebral function"/ (1575)
- 17 (Neurocognitive disorder* or neurocognitive disease* or disorders of higher cerebral function).kw,tw. (4533)
- 18 or/7-17 (584290)
- 19 meta analysis.kw,tw. (208242)
- 20 meta-analysis/ or systematic review/ or meta-analysis as topic/ or "meta analysis (topic)"/ or "systematic review (topic)"/ or exp technology assessment, biomedical/ (422807)
- 21 ((systematic* adj3 (review* or overview*)) or (methodologic* adj3 (review* or overview*))).ti,ab,kw. (252387)
- 22 ((quantitative adj3 (review* or overview* or synthes*)) or (research adj3 (integrati* or overview*))).ti,ab,kw. (13414)
- 23 ((integrative adj3 (review* or overview*)) or (collaborative adj3 (review* or overview*)) or (pool* adj3 analy*)).ti,ab,kw. (39787)
- 24 (data synthes* or data extraction* or data abstraction*).ti,ab,kw. (34871)
- 25 (handsearch* or hand search*).ti,ab,kw. (11418)
- 26 (mantel haenszel or peto or der simonian or dersimonian or fixed effect* or latin square*).ti,ab,kw. (35678)
- 27 (met analy* or metanaly* or technology assessment* or HTA or HTAs or technology overview* or technology appraisal*).ti,ab,kw. (15520)
- 28 (meta regression* or metaregression*).ti,ab,kw. (11730)
- 29 (meta-analy* or metaanaly* or systematic review* or biomedical technology assessment* or biomedical technology assessment*).mp,hw. (510796)

- 30 (medline or cochrane or pubmed or medlars or embase or cinahl).ti,ab,hw. (305608)
- 31 (cochrane or (health adj2 technology assessment) or evidence report).jw. (27150)
- 32 (meta-analysis or systematic review).mp. (478480)
- 33 (comparative adj3 (efficacy or effectiveness)).ti,ab,kw. (20159)
- 34 (outcomes research or relative effectiveness).ti,ab,kw. (13765)
- 35 ((indirect or indirect treatment or mixed-treatment) adj comparison*).ti,ab,kw. (4192)
- 36 or/19-35 (711330)
- 37 6 and 18 and 36 (343)
- 38 limit 37 to english language (326)

Database: EBM Reviews - Cochrane Database of Systematic Reviews <2005 to October 1, 2020>

Search Strategy:

-
- 1 Primary Health Care.mp. [mp=title, abstract, full text, keywords, caption text] (197)
 - 2 Physicians, primary care.mp. [mp=title, abstract, full text, keywords, caption text] (16)
 - 3 General practitioner.mp. [mp=title, abstract, full text, keywords, caption text] (374)
 - 4 ((primary care or primary health care or primary healthcare or primary or general practice or general) adj2 (doctor* or physician* or practitioner* or practice*)).ab,kw,ti. (76)
 - 5 Family practice.mp. [mp=title, abstract, full text, keywords, caption text] (99)
 - 6 General practice.mp. [mp=title, abstract, full text, keywords, caption text] (422)
 - 7 (((family or general) adj2 (practice* or medicine or doctor* or physician* or practitioner* or practice physician)) or physicians, family or general medicine or general medical practice*).ab,kw,ti. (65)
 - 8 or/1-7 (840)
 - 9 Dementia.mp. [mp=title, abstract, full text, keywords, caption text] (541)
 - 10 Dementia, Multi-Infarct.mp. [mp=title, abstract, full text, keywords, caption text] (2)
 - 11 AIDS Dementia Complex.mp. [mp=title, abstract, full text, keywords, caption text] (3)
 - 12 Lewy Bodies.mp. [mp=title, abstract, full text, keywords, caption text] (61)
 - 13 dementia*.ab,kw,ti. (234)
 - 14 Lewy bod*.ab,kw,ti. (9)
 - 15 Cognition disorders.mp. [mp=title, abstract, full text, keywords, caption text] (89)
 - 16 (Cognition disorder* or disorder*, cognition or (cognitive adj2 (disorder* or defect* or disability or dysfunction or impairment))).ab,kw,ti. (223)
 - 17 Memory Disorders.mp. [mp=title, abstract, full text, keywords, caption text] (26)
 - 18 (Memory disorder* or age related memory disorder* or memory deficit* or memory disorder*, age related or memory defect or memory impairment*).ab,kw,ti. (15)
 - 19 Neurodegenerative Diseases.mp. [mp=title, abstract, full text, keywords, caption text] (41)

- 20 (Neurodegenerative disease* or degenerative condition*, neurologic or degenerative neurological disease* or degenerative neurological disorder* or neurologic degenerative condition*).ab,kw,ti. (7)
- 21 Alzheimer Disease.mp. [mp=title, abstract, full text, keywords, caption text] (85)
- 22 ((Alzheimer adj2 (disease* or syndrome or dementia*)) or Alzheimer disease, early onset or Alzheimer disease, late onset or Alzheimer type dementia or Alzheimer type senile dementia or Alzheimer's disease* or dementia, Alzheimer or early onset Alzheimer disease* or late onset Alzheimer disease* or dementia, Alzheimer).ab,kw,ti. (95)
- 23 Neurocognitive Disorders.mp. [mp=title, abstract, full text, keywords, caption text] (14)
- 24 (Neurocognitive disorder* or neurocognitive disease*).ab,kw,ti. (3)
- 25 or/9-24 (612)
- 26 8 and 25 (83)
