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<th>GPs’ perspectives on the management of patients with multimorbidity: systematic review and synthesis of qualitative research</th>
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Appendix 1. Search Terms

i) Locating relevant studies

The following databases were searched using database specific search terms and validated methods for retrieving qualitative studies (Appendix 1)[21, 22,23, 24]: EMBASE (Elsevier), Medline (Ovid), CINAHL, PsycInfo, Academic Search Complete, SocIndex, Social Science Full Text(all Ebsco). Search was last updated on 21st September 2012.

Supplementary search

The database search was supplemented by searches of

1. References for the included articles (which yielded 1 relevant article)
2. Grey literature databases including WORLDCAT via the Online Computer Library Center (OCLC), Proquest, PapersFirst via OCLC, ASSIA (Applied Social Sciences Index and Abstracts), Directory of Open Access Books (DOAB) and Ebrary.

1. Search Terms for Database Embase, Platform: Elsevier

#1.1: interview*:ab,ti
#1.2: 'health care organization'/exp
#1.3: experiences:ab,ti
#1.4: 'qualitative research'/exp
#1: #1.1 OR #1.2 OR #1.3 OR #1.4

#2.1: comorbid*:ab,ti
#2.2: morbid*:ab,ti
#2.3: (multi* NEXT/3 (disease* OR ill* OR condition*)):ab,ti
#2.4: pluripathology:ab,ti
#2.5: (chronic NEXT/3 (disease* OR ill* OR condition* OR disorder* OR health OR medication* OR syndrome* OR symptom*)):ab,ti
#2.6: multimorbid*:ab,ti
#2.1 OR #2.2 OR #2.3 OR #2.4 OR #2.5 OR #2.6

#2: #2.1 OR #2.2 OR #2.3 OR #2.4 OR #2.5 OR #2.6

#3: 'prescription'/exp OR 'inappropriate prescribing'/exp OR 'clinical decision making'/exp OR 'medical decision making'/exp OR 'polypharmacy'/exp OR 'clinical practice'/exp OR 'medical practice'/exp

#4.1: 'general practice'/exp
#4.2: 'general practitioner'/exp OR 'general practitioners'/exp
#4.3: 'family medicine'/exp
#4.4: 'family health'/exp

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#4.5: 'primary health care'/exp
#4.6: 'primary medical care'/exp
#4.7: 'ambulatory care'/exp
#4.8: 'community care'/exp

#4.1 OR #4.2 OR #4.3 OR #4.4 OR #4.5 OR #4.6 OR #4.7 OR #4.8

#4: #4.1 OR #4.2 OR #4.3 OR #4.4 OR #4.5 OR #4.6 OR #4.7 OR #4.8

#5: #1 AND #2 AND #3 AND #4

#6: #5 AND ('clinical trial'/de OR 'cohort analysis'/de OR 'controlled clinical trial'/de OR 'controlled study'/de OR 'cross-sectional study'/de OR 'randomised controlled trial'/de OR 'retrospective study'/de OR 'case control study'/de OR and 'statistical model'/de)

#7: #5 NOT #6

The date and results for this are below.

Qualitative search terms were taken from Walters LA, Wilczynski NL, Haynes RB; Hedges Team. Developing optimal search strategies for retrieving clinically relevant qualitative studies in EMBASE. Qual Health Res. 2006 Jan;16(1):162-8

2. Search Terms for Database CINAHL, Platform: EBSCO

S1 Qualitative research OR AB qualitative OR TI Qualitative
S2 SU attitude* of health personnel
S3 SU questionnaire* or AB questionnaire* OR TI questionnaire*
S4 'nursing methodology research'
S5 AB interview* OR TI interview* OR SU interview*
S6 AB focus group* OR TI focus group* OR SU focus group*
S7 SU multimorbidity OR TI multimorbidity OR AB multimorbidity
S8 SU multimorb* OR TI multimorb* OR AB multimorb*
S9 SU multi# morbid* OR TI multi# morbid* OR AB multi# morbid*
SU ( multiple chronic N3 (disease* OR illness* OR condition*) ) OR TI ( multiple chronic N3 (disease* OR illness* OR condition*) )
S10 SU ( chronic N3 (disease* OR illness* OR condition*) ) OR TI ( chronic N3 (disease* OR illness* OR condition*) )
S11 SU pluripathology OR TI pluripathology OR AB pluripathology
S12 SU comorbidity OR TI comorbidity OR AB comorbidity
S13 SU comorbid* OR TI comorbid* OR AB comorbid
S14 SU 'family medicine' OR TI 'family medicine' OR AB 'family medicine'
S15 SU 'family practice' OR TI 'family practice' OR AB 'family practice'
S16 SU general practice' OR TI 'general practice' OR AB 'general practice'
S17 SU 'general practitioner*' OR TI 'general practitioner*' OR AB 'general practitioner*'
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Qualitative terms taken from Wilczynski NL, Marks S, Haynes RB. Search strategies for identifying qualitative studies in CINAHL. Qual Heal Res. 2007 May;17(5):705-10. See line 37/38/39. The earlier search lines were not used (S1-S6)

3. **Search terms for Database Medline, Platform OVID.**

1. interview:.mp.
2. experience:.mp.
3. qualitative.tw.
4. exp Qualitative Research/
5. 1 or 2 or 3 or 4
6. exp Family Practice/ or exp General Practice/
7. exp General Practitioners/

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8. exp Family Practice/ or family medicine.mp.
9. exp Primary Health Care/
10. exp Physicians, Family/
11. exp Physicians, Primary Care/
12. exp Ambulatory Care/
13. 6 or 7 or 8 or 9 or 10 or 11 or 12
14. co-morbid:.ti. or co-morbid:.ab. or comorbid:.ti. or comorbid:.ab. or co morbid:.ab. or co morbid:.ti.
15. morbid:.ti. or morbid:.ab.
16. (multi: adj3 (ill: or disease: or condition:)).ab,ti.
17. pluripathology.ab,ti.
18. (chronic adj3 (disease: or ill: or condition: or disorder: or health or medication: or syndrome: or symptom:)).ab,ti.
19. (multimorbid: or multi morbid: or multi-morbid:).ab,ti.
20. 14 or 15 or 16 or 17 or 18 or 19
21. exp Decision Making/
22. exp Professional Practice/
23. exp Physician's Practice Patterns/
24. exp Inappropriate Prescribing/
25. exp Drug Prescriptions/
26. exp Polypharmacy/
27. 21 or 22 or 23 or 24 or 25 or 26
28. 5 AND 13 AND 20 AND 27


4. Search terms for Database PsycInfo, Platform EBSCO

S1 SU multimorbidity OR TI multimorbidity OR AB multimorbidity
S2 SU multimorbid* OR TI multimorbid* OR AB multimorbid*
S3 SU multi# morbid* OR TI multi# morbid* OR AB multi# morbid*
   SU ( multiple chronic N3 (disease* OR illness* OR condition*) ) OR TI ( multiple chronic
S4 N3 (disease*OR illness* OR condition*)) OR AB ( multiple chronic N3 (disease*OR
   illness* OR condition*))
S5 SU ( chronic N3 (disease* OR illness* OR condition*)) OR TI ( chronic N3 (disease*OR
   illness* OR condition*)) OR AB ( chronic N3 (disease*OR illness* OR condition*))
S6 SU pluripathology OR TI pluripathology OR AB pluripathology
S7 SU comorbid* OR TI comorbidity OR AB comorbidity
S8 SU comorbid* OR TI comorbidity* OR AB comorbid
S9 S1 or S2 or S3 or S4 or S5 or S6 or S7 or S8
S10 SU 'family medicine' OR TI 'family medicine' OR AB 'family medicine'
S11 SU 'family practice' OR TI 'family practice' OR AB 'family practice'
S12 SU general practice' OR TI 'general practice' OR AB 'general practice'
Challenges in the management of multimorbidity: A meta-ethnography of the GPs perspective

Qualitative search terms taken from McKibbon KA, Wilczynski NL, Haynes RB. Developing optimal search strategies for retrieving qualitative studies in PsycINFO. Eval Health Prof. 2006 Dec;29(4):440-54.

Search terms used for Academic Search Complete; Social Sciences Full Text (H.W. Wilson); SocINDEX with Full Text, Platform Ebsco
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Challenges in the management of multimorbidity: A meta-ethnography of the GPs perspective

S38 S15 or S37
S39 S16 and S26 and S35 and S38