

Additional file 2

Patients' and informal caregivers' perspectives on Self-Management Interventions for Type 2 Diabetes Mellitus outcomes: a mixed-methods overview of 14 years of reviews

Search strategy

We included terms designed explicitly for values and preferences studies [1] combined with MeSH terms and free text for Type 2 Diabetes Mellitus. We adapted the MEDLINE strategy for each database using database-specific headings. We applied the review filters available in each database. In Medline, the filter represents a search strategy intended to retrieve citations to systematic reviews in PubMed and encompasses: citations assigned the "Systematic Review" publication type during MEDLINE indexing; citations that have not yet completed MEDLINE indexing; and non-MEDLINE citations [2].

Table S1. Search terms

MEDLINE (PubMed)
#1 perceive*[tiab]
#2 perception*[ti]
#3 experience*[ti]
#4 perspective*[tiab]
#5 understand*[tiab]
#6 preference*[tiab]
#7 value*[tiab]
#8 choice*[tiab]
#9 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8)
#10 discrete choice*[tiab]
#11 decision*[tiab]
#12 Decision Making[MAJR]
#13 (#10 OR #11 OR #12)
#14 (health[ti] AND utilit*[ti])
#15 "Decision Support Techniques"[MeSH]
#16 gamble*[tiab]
#17 prospect theory[tiab]
#18 preference score[tiab]
#19 preference elicitation[tiab]
#20 health utilit*[tiab]
#21 utility value*[tiab]
#22 Utility score*[tiab]
#23 Utility estimate*[tiab]
#24 health state utilit*[tiab]
#25 health state[tiab]
#26 feeling thermometer*[tiab]

#27 best worst scaling[tiab]
#28 standard gamble[tiab]
#29 time trade-off[tiab]
#30 TTO[tiab]
#31 probability trade-off[tiab]
#32 "Patient Preference"[MeSH]
#33 (#14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32)
#34 preference based [tiab]
#35 preference score*[tiab]
#36 multiattribute[tiab]
#37 multi attribute[tiab]
#38 EuroQol 5D[tiab]
#39 EuroQol5D[tiab]
#40 EQ5D[tiab]
#41 EQ 5D[tiab]
#42 SF6D[tiab]
#43 SF 6D[tiab]
#44 HUI[tiab]
#45 15D[tiab]
#46 (#34 OR #35 OR #36 OR #37 OR #38 OR #39 OR #40 OR #41 OR #42 OR #43 OR #44 OR #45)
#47 (#13 OR #33 OR #46)
#48 meta-ethnograph*[tiab]
#49 metasynthes*[tiab]
#50 meta-synth*[tiab]
#51 (synthes*[ti] AND qualitative[ti])
#52 (review[ti] AND qualitativ*[ti])
#53 (#48 OR #49 OR #50 OR #51 OR #52)
#54 systematic[sb]
#55 (#53 OR #54)
#56 (#9 AND #55)
#57 (#47 AND #54)
#58 (#56 OR #57)
#59 "Diabetes Mellitus"[Mesh]
#60 diabet*[tiab]
#61 (#59 OR #60)
#62 (#58 AND #61)
CINAHL
#1 TI meta-ethnograph* OR AB meta-ethnograph*
#2 TI metasynthes* OR AB metasynthes*
#3 TI meta-synth* OR AB meta-synth*
#4 TI "meta aggregat*" OR AB "meta aggregat*"
#5 TI "thematic synthes*" OR AB "thematic synthes*"
#6 TI synthes* qualitative
#7 TI review AND TI qualitative

#8 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7)
#9 TI perceive* OR AB perceive*
#10 TI perception* OR AB perception*
#11 TI experience* OR AB experience*
#12 TI perspective* OR AB perspective*
#13 TI understand* OR AB understand*
#14 TI preference* OR AB preference*
#15 (#9 OR #10 OR #11 OR #12 OR #13 OR #14)
#16 (#15) Limiters – Clinical queries: Review - Best Balance
#17 (#8 AND #15)
#18 TI value* OR AB value*
#19 TI choice* OR AB choice*
#20 TI "patient* view*" OR AB "patient* view*"
#21 TI decision* OR AB decision*
#22 TI "health utilit*" OR AB "health utilit*"
#23 MH "Attitude to Health+"
#24 MH "Patient Preference+
#25 MH "Decision Making+
#26 (#18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25)
Limiters – Clinical queries: Review - Best Balance
#27 (#16 OR #17 OR #26)
#28 MH Diabetes Mellitus+
#29 TI diabet*
#30 (#28 OR #29)
#31 (#30 AND #27) Limiters - Exclude MEDLINE registries
PsycINFO
#1 TI meta-ethnograph* OR AB meta-ethnograph*
#2 TI metasynthes* OR AB metasynthes*
#3 TI meta-synth* OR AB meta-synth*
#4 TI meta aggregat* OR AB meta aggregat*
#5 TI thematic synthes* OR AB thematic synthes*
#6 TI synthes* AND TI qualitative
#7 TI review AND TI qualitative
#8 (#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7)
#9 TI perceive* OR AB perceive*
#10 TI perception* OR AB perception*
#11 TI perspective* OR AB perspective*
#12 TI understand* OR AB understand*
#13 TI preference* OR AB preference*
#14 (# 9 OR #10 OR #11 OR #12 OR #13)
#15 (#14 AND #8)
#16 (#14) Limiters Methodology Literature review
#17 TI value* OR AB value*
#18 TI choice* OR AB choice*
#19 TI patient* view* OR AB patient* view*

#20 TI decision* OR AB decision*
#21 TI "health utilit*" OR AB "health utilit*"
#22 DE "Health Attitudes"
#23 DE "Preferences" OR DE "Preference Measures"
#24 DE "Decision Making"
#25 (#17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24)
#26 (#25) Limiters Methodology Literature review
#27 (#15 OR #16 OR #26)
#28 MA diabetes mellitus
#29 TI diabet*
#30 MM "Diabetes Mellitus"
#31 (#28 OR #29 OR #30)
#32 (#31 AND #27)

References

1. Selva A, Sola I, Zhang Y, Pardo-Hernandez H, Haynes RB, Martinez Garcia L et al. Development and use of a content search strategy for retrieving studies on patients' views and preferences. *Health Qual Life Outcomes*. 2017;15(1):126. doi:10.1186/s12955-017-0698-5.

2. Search Strategy Used to Create the PubMed Systematic Reviews Filter.

https://www.nlm.nih.gov/bsd/pubmed_subsets/sysreviews_strategy.html