

Supplemental material 1. **Search strategy**

Research question: Which Patient Decision Aids were developed for use in home and community care and services for use by patients, caregivers (family, friends or relatives), health care professional providers.

Population : Anyone receiving at home rather than in a hospital or long-term care facility

Intervention : Patient Decision Aid

Comparator : Any

Outcomes : Any

Settings : Home and Community Care

Dates : No restrictions

Languages : No restrictions

Databases

1. **MEDLINE –Ovid**
2. **Embase – Elsevier**
3. **Cinahl Plus – Ebsco Host**
4. **Web of Science**
5. **PsycInfo-Ovid**
6. **Cochrane Library**

Grey literature

1. **Decision Aids Library Inventory (DALI) of the Ottawa Patient Decision Aids Research Group at the Ottawa Hospital Research Institute**
2. **Laval University’s Decision Boxes**
3. **EBSCO Health Option Grid Decision Aids**
4. **Healthwise**
5. **PeaceHealth**
6. **National Institute for Health and Care Excellence (NICE)**
7. **Recent Cochrane review on “Decision aids for people facing health treatment or screening decisions”, 2017 (Stacey et al., 2017)**
8. **Snowball**

Medline-Ovid (2020-01-07)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Controlled vocabulary)	Not applicable	-	
Decision Aid (Free text)	(decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).ti. or (decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).ab. or (decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).kf.	#1	40 280
	(decision? adj (board? or guide? or counseling)).ti. or (decision? adj (board? or guide? or counseling)).ab. or (decision? adj (board? or guide? or counseling)).kf.	#2	176
Decision Aid	1 or 2	#3	40 404
Home and Community Care (Controlled vocabulary)	Community Health Workers/ or exp Home Care Services/ or community health services/ or adult day care centers/ or child day care centers/ or exp community health nursing/ or community mental health services/ or community networks/ or community pharmacy services/ or exp counseling/ or Day Care, Medical/ or foster home care/ or exp home care services/ or hospices/ or occupational health services/ or exp Relief Work/ or senior centers/	#4	193 974
Home and Community Care (Free text)	((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).ti. or ((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).ab. or ((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).kf.	#5	141 093

Concepts	Search strategy keywords	Search	# Results
Home and Community Care	4 or 5	#6	292 457
Total Result	3 and 6	#7	1 523

Cinahl Plus-Ebsco Host (2020-01-08)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Controlled vocabulary)	Not applicable	-	
Decision Aid (Free text)	TI (Decision# N3 (support# or aid# or tool# or technique# or program# or method#)) OR AB (Decision# N3 (support# or aid# or tool# or technique# or program# or method#))	#1	16 389
	TI ((decision# N0 (board# or guide# or counseling)) OR AB ((decision# N0 (board# or guide# or counseling))	#2	951
Decision Aid	S1 or S2	#3	17 240
Home and Community Care (Controlled vocabulary)	(MH "Child Day Care") or (MH "Community Health Nursing") or (MH "Community Health Workers") or (MH "Community Health Services+") or (MH "Community Networks") or (MH "Counseling") or (MH "Counseling (Iowa NIC)") or (MH "Day Care") or (MH "Home Care Equipment and Supplies") or (MH "Foster Home Care") or (MH "Home Health Agencies") or (MH "Home Health Aides") or (MH "Home Health Care+") or (MH "Home Health Aide Service (Saba CCC)") or (MH "Home Maintenance") or (MH "Home Maintenance Alteration (Saba CCC)") or (MM "Home Maintenance Assistance (Iowa NIC)") or (MH "Home Nursing") or (MH "Home Nursing, Professional") or (MH "Home Physical Therapy") or (MH "Hospices") or (MH "Occupational Health Nursing") or (MH "Occupational Health Services+")	#4	419 611
Home and Community Care (Free text)	TI ((communit* or home# or domicil* or residential* or outreach*) N2 (care or healthcare or nurs* or rehabilit* or service# or support or treatment# or therapy or therapies or therapist# or visiting or visit#))	#5	103 074

Concepts	Search strategy keywords	Search	# Results
	OR AB ((communit* or home# or domicil* or residential* or outreach*) N2 (care or healthcare or nurs* or rehabilit* or service# or support or treatment# or therapy or therapies or therapist# or visiting or visit#))		
Home and Community Care	S4 or S5	#6	481 409
Total Result	S3 and S6	#7	2 859

Embase-Elsevier (2020-01-07)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Controlled vocabulary)	Not applicable	-	
Decision Aid (Free text)	((decision or decisions) NEAR/4 (support or supports or aid or aids or tool or tools or technique or techniques or program or programs or method or methods)):ti,ab,kw	#1	65 417
	((decision or decisions) NEAR/1 (board or boards or guide or guides or counseling)):ti,ab,kw	#2	3 186
Decision Aid	#1 or #2	#3	68 208
Home and Community Care (Controlled vocabulary)	'community care'/de or 'community based rehabilitation'/exp or 'community health nursing'/exp or 'community mental health'/exp or 'counseling'/de or 'day care'/exp or 'foster care'/exp or 'health auxiliary'/exp or 'home care'/exp or 'hospice'/exp or 'occupational health service'/exp or 'relief work'/exp or 'residential care'/exp or 'senior center'/exp	#4	271 384
Home and Community Care (Free text)	((communit* or home or homes or domicil* or residential* or outreach*) NEAR/3 (care or healthcare or nurs* or rehabilit* or service or services or support or treatment or treatments or therapy or therapies or therapist or therapists or visiting or visit or visits)):ti,ab,kw	#5	190 343
Home and Community Care	#4 or #5	#6	397 038
Total Result	#3 and #6	#7	2 818

Web of Science (2020-01-08)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Free text)	TS=((decision\$) NEAR/3 (support\$ or aid\$ or tool\$ or technique\$ or program\$ or method\$))	#1	144 651
	TS=((decision\$) NEAR/1 (board\$ or guide\$ or counseling))	#2	11 142
Decision Aid	#1 or #2	#3	154 681
Home and Community Care (Free text)	TS=((communit* or home\$ or domicil* or residential* or outreach*) NEAR/2 (care or healthcare or nurs* or rehabilit* or service\$ or support or treatment\$ or therapy or therapies or therapist\$ or visiting or visit\$))	#4	169 587
Health (Free text)	TS=(Health* or medicin* or medica* or care or clinic* or therap* or disease* or illness or diagnos* or treatment* or prevention* or drug* or remed* or pharmaceutical* or pill* or pharma* or healing* or surger* or infection* or patholog* or wound* or injur*)	#5	17 151 733
Total Result	#3 and #4 and #5	#6	1 463

PsycInfo-Ovid (2020-01-07)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Controlled vocabulary)	Not applicable	-	
Decision Aid (Free text)	(decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).ti. or (decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).ab. or (decision? adj4 (support? or aid? or tool? or technique? or program? or method?)).id.	#1	39 132
	(decision? adj (board? or guide? or counseling)).ti. or (decision? adj (board? or guide? or counseling)).ab. or (decision? adj (board? or guide? or counseling)).id.	#2	175
Decision Aid	1 or 2	#3	39 256
Home and Community Care (Controlled vocabulary)	adult day care/ or child day care/ or community counseling/ or exp community mental health services/ or community psychiatry/ or counseling/ or day care centers/ or home care/ or home care personnel/ or home visiting programs/ or hospice/ or occupational health/	#4	128 363

Concepts	Search strategy keywords	Search	# Results
Home and Community Care (Free text)	((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).ti. or ((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).ab. or ((communit* or home? or domicil* or residential* or outreach*) adj3 (care or healthcare or nurs* or rehabilit* or service? or support or treatment? or therapy or therapies or therapist? or visiting or visit?)).id.	#5	138 906
Home and Community Care	4 or 5	#6	242 346
Total Result	3 and 6	#7	1 320

Cochrane Library (2020-01-07)

Concepts	Search strategy keywords	Search	# Results
Decision Aid (Controlled vocabulary)	MeSH descriptor :[Decision Support Techniques] explode all trees	#1	2 435
Decision Aid (Free text)	((decision or decisions) NEAR/3 (support or supports or aid or aids or tool or tools or technique or techniques or program or programs or method or methods)):ti,ab,kw	#2	5 277
	((decision or decisions) NEAR/1 (board or boards or guide or guides or counseling)):ti,ab,kw	#3	292
Decision Aid (Free text)	#2 or #3	#4	5 494
Decision Aid	#1 or #4	#5	7 146
Home and Community Care (Controlled vocabulary)	MeSH descriptor :[Community Health Services] this term only	#6	977
	MeSH descriptor :[Community Psychiatry] explode all trees	#7	15

Concepts	Search strategy keywords	Search	# Results
	MeSH descriptor :[Community Health Workers] this term only	#8	451
	MeSH descriptor :[Nurses, Community Health] explode all trees	#9	16
	MeSH descriptor :[Home Health Nursing] explode all trees	#10	8
	MeSH descriptor :[Home Nursing] explode all trees	#11	290
	MeSH descriptor :[Home Care Agencies] this term only	#12	12
	MeSH descriptor :[Home Health Aides] this term only	#13	22
	MeSH descriptor :[Foster Home Care] this term only	#14	141
	MeSH descriptor :[Home Care Services] explode all trees	#15	2 352
	MeSH descriptor :[Adult Day Care Center] this term only	#16	9
	MeSH descriptor :[Child Day Care Center] this term only	#17	223
	MeSH descriptor :[Community Health Nursing] explode all trees	#18	344
	MeSH descriptor :[Community Mental Health Services] this term only	#19	715
	MeSH descriptor :[Community Networks] this term only	#20	160
	MeSH descriptor :[Community Pharmacy Services] this term only	#21	246
	MeSH descriptor :[Counseling] this term only	#22	4 000
	MeSH descriptor :[Foster Home Care] this term only	#23	141
	MeSH descriptor :[Hospices] this term only	#24	34
	MeSH descriptor :[Occupational Health Services] this term only	#25	390
	MeSH descriptor :[Senior Centers] this term only	#26	6
	MeSH descriptor :[Relief Work] this term only	#27	6
	#6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #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	#28	9 527
Home and Community Care (Free text)	((communit* or home or homes or domicil* or residential* or outreach*) NEAR/2 (care or healthcare or nurs* or rehabilit* or service or services or support or treatment or treatments or therapy or therapies or therapist or therapists or visiting or visit or visits)):ti,ab,kw	#29	22 337
Home and Community Care	#28 or #29	#30	27 341
Total Result	#5 and #30	#31	354

Consulted References

- Gillies, K., Cotton, S. C., Brehaut, J. C., Politi, M. C., & Skea, Z. (2015). Decision aids for people considering taking part in clinical trials. *Cochrane Database of Systematic Reviews*, (11).
- Reilly, S., Miranda-Castillo, C., Malouf, R., Hoe, J., Toot, S., Challis, D., & Orrell, M. (2015). Case management approaches to home support for people with dementia. *Cochrane Database of Systematic Reviews*, (1).
- Scalia, P., Durand, M. A., Berkowitz, J. L., Ramesh, N. P., Faber, M. J., Kremer, J. A., & Elwyn, G. (2018). The impact and utility of encounter patient decision aids: systematic review, meta-analysis and narrative synthesis. *Patient education and counseling*.
- Stacey, D., Légaré, F., Lewis, K., Barry, M. J., Bennett, C. L., Eden, K. B., ... & Trevena, L. (2017). Decision aids for people facing health treatment or screening decisions. *Cochrane database of systematic reviews*, (4).
- Young, C., Hall, A. M., Gonçalves-Bradley, D. C., Quinn, T. J., Hooft, L., van Munster, B. C., & Stott, D. J. (2017). Home or foster home care versus institutional long-term care for functionally dependent older people. *Cochrane Database of Systematic Reviews*, (4).

Grey literature: registers and websites Search Strategies

The searches in Decision Aids Library Inventory (DALI), EBSCO Health Option Grid Decision Aids, Cochrane review, and Laval University's Decision Boxes, Healthwise, and PeaceHealth were performed without search fields. Instead, we looked at each tool presented to see if they met the selection criteria.

Searches in the National Institute for Health and Care Excellence (NICE) was performed with the standard search fields each website provided. We searched for keywords "Decision Aid" and "Patient decision aid" from the title, summary, and subject headings. We investigated each tool presented to see if they met the selection criteria.

Source	Website/Links	Date	Links searched /keywords results (n)
Decision Aids Library Inventory (DALI) of the Ottawa Patient Decision Aids Research Group at the Ottawa Hospital Research Institute	https://decisionaid.ohri.ca/AZlist.html	November 2020-january 2021	335 results
EBSCO Health Option Grid Decision Aids	https://health.ebsco.com/products/dynamed-shared-decisions	December 2020-January 2021	41 results
Cochrane review on "Decision aids for people facing health treatment or screening decisions" 2017; (Stacey et al., 2017)		January 2021	180 results
Laval University's Decision Boxes consulted in English and French	https://www.boitedecision.ulaval.ca/en/ https://www.boitedecision.ulaval.ca/fr/	December 2020-January 2021	23 results
Healthwise	www.healthwise.org	December 2020-January 2021	147 results

PeaceHealth	https://www.peacehealth.org/medical-topics	December 2020-January 2021	152 results
National Institute for Health and Care Excellence (NICE)	https://www.evidence.nhs.uk/search	December 2020-January 2021	Search: Patient Decision aids: 41 results

Consulted References

Stacey, D., Légaré, F., Lewis, K., Barry, M. J., Bennett, C. L., Eden, K. B., . . . Trevena, L. (2017). Decision aids for people facing health treatment or screening decisions. *Cochrane Database of Systematic Reviews*, 4, CD001431. doi:10.1002/14651858.CD001431.pub5