

Appendix 1. MEDLINE search strategy

Database: Ovid MEDLINE(R) ALL <1946 to May 13, 2022>

Search Strategy:

- 1 exp Hip Fractures/ (27207)
- 2 ((hip or hips or femoral neck or (femur? adj2 neck?) or acetabul* or intertrochanter* or intertrochanter* or pertrochanter* or per-trochanter* or subtrochanter* or sub-trochanter* or trochanter*) adj3 (break* or broke* or fractur*)).tw,kw,kf. (36304)
- 3 or/1-2 [HIP FRACTURES] (41931)
- 4 exp Telemedicine/ (40348)
- 5 (telemed* or tele-med* or telecare or tele-care or teleconsult* or tele-consult* or teleconferenc* or tele-conferenc* or telecounsel* or tele-counsel* or telehealth* or tele-health* or telemonitor* or tele-monitor* or telepsychiatr* or tele-psychiatr* or telepsycholog* or tele-psycholog* or telerehab* or tele-rehab* or telesupport* or tele-support* or teletherap* or tele-therap* or teletreatment* or tele-treatment*).tw,kw,kf. (35770)
- 6 (ehealth* or e-health* or mhealth* or m-health* or emental health* or e-mental health* or mmental health* or m-mental health* or epsychiatr* or e-psychiatr* or mpsychiatr* or m-psychiatr* or epsychol* or e-psychol* or mpsychol* or m-psychol* or erehab* or e-rehab* or mrehab* or m-rehab* or etherap* or e-therap* or esupport* or e-support* or msupport* or m-support* or evisit* or e-visit* or mvisit* or m-visit*).tw,kw,kf. (17831)
- 7 (ecoach* or e-coach*).tw,kw,kf. (85)
- 8 (emedicine* or e-medicine*).tw,kw,kf. (101)
- 9 (mobile health* or mobile care or mobile counsel* or mobile medicine or mobile psychiatr* or mobile psycholog*).tw,kw,kf. (7275)
- 10 ((digital* or virtual* or remote*) adj3 (care or health* or healthcare or health-care)).tw,kw,kf. (14232)
- 11 ((digital* or virtual* or remote*) adj3 (appointment* or clinic or clinics or coach* or communicat* or conferenc* or consult* or followup or follow-up or hub or hubs or interven* or manag* or meet* or monitor* or rehab* or support* or therap* or tool or tools or treatment? or visit*)).tw,kw,kf. (33162)
- 12 (e-provider? or e-clinician? or e-counsel?or? or e-doctor? or e-nurse? or e-physician? or e-practitioner? or e-therapist? or m-provider? or m-clinician? or m-counsel?or? or m-doctor? or m-nurse? or m-physician? or m-practitioner? or m-therapist?).tw,kw,kf. (99)
- 13 (mobile provider? or mobile clinician? or mobile counsel?or? or mobile doctor? or mobile nurse? or mobile physician? or mobile practitioner? or mobile therapist?).tw,kw,kf. (60)
- 14 Internet-Based Intervention/ (936)
- 15 exp Therapy, Computer-Assisted/ (43927)
- 16 ((internet* or app or apps or computer* or cyber* or e-application? or e-mail* or email* or electronic mail* or iphone? or i-phone? or (mobile adj2 application?) or mobile-based or mobile phone? or online or (patient? adj3 portal*) or instant* messag* or (secure* adj3 communicat*) or (secure* adj3 messag*) or (secure* adj3 platform*) or (secure* adj3 portal*) or service or services or smarthome* or smart-home* or smarhub? or smart-hub? or smartphone* or smart phone* or technolog* or telecommunicat* or tele-communicat* or telephon* or textmessag* or text-messag* or video* or web or webbased or web-based or webdeliver* or web-deliver* or "web 2.0") adj3 (care or health care or health-care or healthcare or appointment* or coach* or conferenc* or consult* or interven* or manag* or meet* or monitor* or rehab* or support* or therap* or treatment? or visit*)).tw,kw,kf. (229431)
- 17 (internet* or app or apps or computer* or cyber* or e-application? or e-mail* or email* or electronic mail* or iphone? or i-phone? or (mobile adj2 application?) or mobile-based or mobile phone? or online or (patient? adj3 portal*) or instant* messag* or (secure* adj3 communicat*) or (secure* adj3 messag*) or (secure* adj3 platform*) or (secure* adj3 portal*) or smarthome* or smart-home* or smarhub? or smart hub? or smartphone* or smart phone* or technolog* or telecommunicat* or tele-communicat* or

telephon* or textmessag* or text-messag* or video* or web or webbased or web-based or webdeliver* or web-deliver* or "web 2.0").ti,kw,kf. (362795)
 18 (internet* or app or apps or computer* or cyber* or e-application? or e-mail* or email* or electronic mail* or iphone? or i-phone? or (mobile adj2 application?) or mobile-based or mobile phone? or online or (patient? adj3 portal*) or instant* messag* or (secure* adj3 communicat*) or (secure* adj3 messag*) or (secure* adj3 platform*) or (secure* adj3 portal*) or smarthome* or smart-home* or smarthub? or smart hub? or smartphone* or smart phone* or technolog* or telecommunicat* or tele-communicat* or telephon* or textmessag* or text-messag* or video* or web or webbased or web-based or webdeliver* or web-deliver* or "web 2.0").ab. /freq=2 (387856)
 19 or/4-18 [DIGITAL CARE, PT 1] (839671)
 20 exp Hip Fractures/pc, rh, su, th [Prevention, Rehabilitation, Surgery, Therapy] (17072)
 21 Delivery of Health Care/ (107762)
 22 exp *Delivery of Health Care/ (713121)
 23 Delivery of Health Care, Integrated/ (13940)
 24 ((deliver* or model or models or provid* or provision) adj3 (care or health care or health-care or healthcare)).ti,kw,kf. (43570)
 25 Health Services/ (26750)
 26 Community Health Services/ (32796)
 27 Rural Health Services/ (13710)
 28 Suburban Health Services/ (183)
 29 Urban Health Services/ (3782)
 30 (healthservice* or health service* or healthcare service? or health care service?).ti,kw,kf. (58952)
 31 Geriatric Nursing/ (13802)
 32 Home Nursing/ (8650)
 33 ((geriatric* or home) adj3 (care or health care or health-care or healthcare)).tw,kw,kf. (40450)
 34 ((after operati* or after surger* or postoperati* or post-operati* or postsurg* or post-surg*) adj3 (care or health care or health-care or healthcare or followup or follow-up or rehab* or therap* or treatment*)).tw,kw,kf. (77748)
 35 Rehabilitation/ (18651)
 36 Rehabilitation Nursing/ (1467)
 37 exp Exercise Therapy/ (59598)
 38 ((exercis* or remedial* or rehab*) adj3 therap*).tw,kw,kf. (20378)
 39 rh.fs. [Rehabilitation - Floating Subheading] (206541)
 40 rehab*.ti,kw,kf. (94860)
 41 rehab*.ab. /freq=2 (59746)
 42 Caregivers/ (45604)
 43 Family/ (82355)
 44 Ambulatory Care/ (45670)
 45 (ambulatory adj3 (care or health care or health-care or healthcare)).tw,kw,kf. (15067)
 46 Inpatients/ (27082)
 47 inpatient*.tw,kw,kf. (127731)
 48 Outpatients/ (19592)
 49 (outpatient* or out patient*).tw,kw,kf. (210462)
 50 Communication/ (94560)
 51 communicat*.ti,kw,kf. (95540)
 52 communicat*.ab. /freq=2 (82225)
 53 (miscommunicat* or mis-communicat*).tw,kw,kf. (1065)
 54 (misunderstand* or mis-understand*).tw,kw,kf. (6476)
 55 (misinform* or mis-inform*).tw,kw,kf. (4984)
 56 Information Seeking Behavior/ (3051)

- 57 ((communicat* or provid* or provision* or seek* or search* or shar* or sought) adj3 information).tw,kw,kf. (281864)
- 58 ((care or health care or health-care or healthcare) adj (educat* or communicat* or inform* or instruct*).tw,kw,kf. (12146)
- 59 exp Patient Education as Topic/ (88355)
- 60 ((caregiver? or care giver? or client? or family or families or patient? or person\$2 or personally or user?) adj3 (communicat* or educat* or inform* or instruct* or resourc* or teach*).tw,kw,kf. (212301)
- 61 exp Patient-Centered Care/ (23177)
- 62 ((patient-centered or patient-centred or patient-focus?ed) adj3 (approach or approaches or care or healthcare or health care or model or models or rehab*).tw,kw,kf. (15266)
- 63 ((client-centered or client-centred or client-focus?ed) adj3 (approach or approaches or care or healthcare or health care or model or models or rehab*).tw,kw,kf. (670)
- 64 Patient Participation/ (28570)
- 65 ((caregiver* or care giver? or client* or family or families or patient* or person\$2 or personally or user?) adj3 (activat* or engag* or empower* or involv* or participat*).tw,kw,kf. (180848)
- 66 Self Care/ (35300)
- 67 Self-Management/ (4535)
- 68 ((person* or self) adj3 (manag* or care)).tw,kw,kf. (84309)
- 69 Aftercare/ (11724)
- 70 aftercare.tw,kw,kf. (3604)
- 71 ((after or followup or follow-up) adj (care or hospital* or treatment)).tw,kw,kf. (209016)
- 72 Patient Discharge/ (36442)
- 73 ((client* or patient or patients or facility or facilities or hospital or hospitals) adj3 discharg*).tw,kw,kf. (99327)
- 74 Continuity of Patient Care/ (20361)
- 75 Patient Transfer/ (9413)
- 76 Transitional Care/ (1129)
- 77 ((continuit* or continuum or path or paths or pathway* or transition*) adj (care or health care or health-care or healthcare)).tw,kw,kf. (2562)
- 78 Professional-Patient Relations/ (28340)
- 79 Nurse-Patient Relations/ (35948)
- 80 Physician-Patient Relations/ (75482)
- 81 (((professional* or clinician* or doctor* or nurse or nurses* or physician* or practitioner* or therapist*) adj3 (caregiver* or care giver? or client* or family or families or patient or patients)) and relations*).tw,kw,kf. (43621)
- 82 Therapeutic Alliance/ (385)
- 83 therapeutic alliance?.tw,kw,kf. (3147)
- 84 or/20-83 [HEALTH CARE DELIVERY, REHAB, TRANSITIONAL CARE, ETC] (2721148)
- 85 Biomedical Technology/ (7127)
- 86 (technolog* adj3 (care or health or health care or health-care or healthcare)).tw,kw,kf. (26882)
- 87 exp Cell Phone/ (20326)
- 88 "Cell Phone Use"/ (338)
- 89 exp Computers/ (83691)
- 90 Digital Technology/ (454)
- 91 Electronic Mail/ (2893)
- 92 Internet/ (79164)
- 93 Internet Access/ (136)
- 94 "Internet Use"/ (340)
- 95 Mobile Applications/ (10004)
- 96 Telecommunications/ (5010)
- 97 Telephone/ (12962)

- 98 exp Videoconferencing/ (2633)
- 99 (internet* or app or apps or computer* or cyber* or digital* or e-application? or e-mail* or email* or electronic mail* or iphone? or i-phone? or (mobile adj2 application?) or mobile-based or mobile phone? or online or (patient? adj3 portal*) or instant* messag* or (secure* adj3 communicat*) or (secure* adj3 messag*) or (secure* adj3 platform*) or (secure* adj3 portal*) or smarthome* or smart-home* or smarthub? or smart hub? or smartphone* or smart phone* or technolog* or telecommunicat* or tele-communicat* or telephon* or textmessag* or text-messag* or video* or web or webbased or web-based or webdeliver* or web-deliver* or "web 2.0").tw,kw,kf. (1583184)
- 100 or/85-99 [DIGITAL TECHNOLOGY] (1651055)
- 101 84 and 100 [DIGITAL CARE, PT 2] (289340)
- 102 19 or 101 [DIGITAL CARE, PTS 1-2] (970283)
- 103 3 and 102 [HIP FRACTURES - DIGITAL CARE] (1456)
- 104 exp Animals/ not Humans/ (5007245)
- 105 103 not 104 [ANIMAL-ONLY REMOVED] (1449)
- 106 (Adolescent/ or exp Child/ or exp Infant/) not exp Adult/ (2051574)
- 107 105 not 106 [ADOLESCENT-, CHILD-, INFANT-ONLY REMOVED] (1436)
