

Supplementary Table 1. Sample search strategy for scientific literature search

**CINAHL (EBSCO) SEARCH**

1. (MH "Chronic Pain") OR (MH "Back Pain+") OR (MH "Headache") OR (MH "Migraine") OR (MH "Fibromyalgia")
2. ( (MH "Neuralgia") OR (MH "Complex Regional Pain Syndromes") ) OR TI ( (backache\* or back ache\* or cephalgia\* or complex regional pain syndrome\* or dysmenorrhea or fibromyalgia\* or headache\* or head ache\* or migraine\* or neuralgia\* or stomachache\* or stomach ache\*) ) OR AB ( (backache\* or back ache\* or cephalgia\* or complex regional pain syndrome\* or dysmenorrhea or fibromyalgia\* or headache\* or head ache\* or migraine\* or neuralgia\* or stomachache\* or stomach ache\*) )
3. ( (MH "Abdominal Pain") OR (MH "Neck Pain") ) OR TI ( ((abdominal or back or chronic or musculoskeletal or myofascial or neck or nerve or neuropathic or shoulder\* or stomach or joint or limb or widespread or pelvic or back) and pain) ) OR AB ( ((abdominal or back or chronic or musculoskeletal or myofascial or neck or nerve or neuropathic or shoulder\* or stomach or joint or limb or widespread or pelvic or back) and pain) )
4. TI ( (chronic\* or continuous or continual or functional or persist\* or recur\*) ) OR AB ( (chronic\* or continuous or continual or functional or persist\* or recur\*) )
5. 3 and 4
6. (MH "Arthritis+") OR (MH "Cerebral Palsy") OR (MH "Ehlers-Danlos Syndrome") OR (MH "Inflammatory Bowel Diseases+") OR (MH "Irritable Bowel Syndrome") OR (MH "Anemia, Sickle Cell")
7. (MH "Pain")
8. 5 and 6
9. TI ( ((arthritis or cerebral palsy or Ehlers Danlos Syndrome or inflammatory bowel disease\* or colitis or crohn\* or inflammatory bowel syndrome\* or irritable bowel disease\* or IBD or irritable bowel syndrome or IBS or sickle cell disease) and pain) ) OR AB ( ((arthritis or cerebral palsy or Ehlers Danlos Syndrome or inflammatory bowel disease\* or colitis or crohn\* or inflammatory bowel syndrome\* or irritable bowel disease\* or IBD or irritable bowel syndrome or IBS or sickle cell disease) and pain))
10. TI ( ((chronic or continual or continuous or functional or persist\* or recur\*) N3 pain) ) OR AB ( ((chronic or continual or continuous or functional or persist\* or recur\*) N3 pain) )
11. 1 or 2 or 5 or 8 or 9 or 10
12. ( (MH "Blogs") OR (MH "Internet+") OR (MH "Teleconferencing") OR (MH "Telehealth+") OR (MH "Telepsychiatry") OR (MH "Videoconferencing") OR (MH "Text Messaging") OR (MH "Telecommunications") OR (MH "Instant Messaging") OR (MH "Mobile Applications") OR (MH "Social Media") OR (MH "Webcasts") OR (MH "Computers, Hand-Held") OR (MH "Email") OR (MH "Telemedicine+") OR (MH "Telenursing") OR (MH "Online Social Networking") OR (MH "Therapy, Computer Assisted") ) OR TI ( ((inform\* or communicat\* or interact\*) N6 (computer\* or technolog\* or software)) ) OR AB ( ((inform\* or communicat\* or interact\*) N6

(computer\* or technolog\* or software)) ) OR TI ( ((care or consultation\* or health\* or intervention\* or treat\* or therap\* or selfmanag\* or self-manag\*) N5 (computer\* or digital or electronic or online or remote or software)) ) OR AB ( ((care or consultation\* or health\* or intervention\* or treat\* or therap\* or selfmanag\* or self-manag\*) N5 (computer\* or digital or electronic or online or remote or software)) ) OR TI ( ( apps or augmented reality or blog\* or cell phone\* or cellphone\* or chat room\* or communications technolog\* or computer based or digital therapeutic\* or digital technolog\* or ehealth or e-health or email or e-mail or e-resources or e-support\* or facebook or ICT or instant messag\* or IMS or instagram or internet or iphone\* or mobile health or mhealth or m-health or online or remote consult\* or smartphone\* or SMS or social media\* or tablets or teleconsult\* or tele-consult\* or telehealth or tele-health\* or telemedic\* or tele-medic\* or telemonitor\* or tele-monitor\* or telephone or telepsychiatr\* or tele-psychiatr\* or teletherap\* or tele-therap\* or text messag\* or twitter or videoconferenc\* or video conferenc\* or virtual care or virtual reality or web-based or web-page\* or webpage\* or web site\* or webex or whatsapp or www) ) OR AB ( ( apps or augmented reality or blog\* or cell phone\* or cellphone\* or chat room\* or communications technolog\* or computer based or digital therapeutic\* or digital technolog\* or ehealth or e-health or email or e-mail or e-resources or e-support\* or facebook or ICT or instant messag\* or IMS or Instagram or internet or iphone\* or mobile health or mhealth or m-health or online or remote consult\* or smartphone\* or SMS or social media\* or tablets or teleconsult\* or tele-consult\* or telehealth or tele-health\* or telemedic\* or tele-medic\* or telemonitor\* or tele-monitor\* or telephone or telepsychiatr\* or tele-psychiatr\* or teletherap\* or tele-therap\* or text messag\* or twitter or videoconferenc\* or video conferenc\* or virtual care or virtual reality or web-based or web-page\* or webpage\* or web site\* or webex or whatsapp or www) )

13. 11 and 12

14. ( (MH "Adolescence+") OR (MH "Child+") OR (MH "Minors (Legal)") ) OR TI ( child\* or adolescen\* or infan\* or juvenil\* or pediatric\* or paediatric\* or toddler\* or young adult\* or young person\* or young people or youth\*) ) OR AB ( child\* or adolescen\* or infan\* or juvenil\* or pediatric\* or paediatric\* or toddler\* or young adult\* or young person\* or young people or youth\*) )

15. 13 and 14