Table 3 – Study Characteristics

Title of Article	Year of Publication	Author(s)	Database	Study Design	Study Purpose	Country	Population (age and gender) and Sample	Form of eHealth Used
Internet Cognitive-Behavioral Therapy for Painful Chronic Pancreatitis: A Pilot Feasibility Randomized Controlled Trial	2021	Palermo, T. M.; Law, E. F.; Topazian, M. D.; Slack, K.; Dear, B.F.; Ko, Y. J.; Vege, S.S.; Fogel, E.; Trikudanathan, G.; Andersen, D. K.; Conwell, D. L.; Yadav, D.	Ovid	Randomized parallel groups, online assessments, qualitative interviews	To evaluate the feasibility and acceptability of the internet CBT program, and to to generate pilot data regarding the effects of treatment on pain interference, pain intensity, and HRQoL	United States	adults with definite or suspected chronic pancreatitis	Webpage
Chronic Disease Management for Recently Homeless Veterans: A Clinical Practice Improvement Program to Apply Home Telehealth Technology to a Vulnerable Population	2013	Sonya Gabrielian, Anita Yuan, Ronald M. Andersen, James McGuire, Lisa Rubenstein, Negar Sapir and Lillian Gelberg	Ovid	Semi-structured, qualitative interviews	To evaluate the acceptability of the Care Coordination Home Telehealth program to recently homeless Veterans, and the role of peers in supporting Health Information Technology-based illness self-management	United States	Average age 63, male and female participants n = 14	Telehealth program
e-Patients Perceptions of Using Personal Health Records for Self-management Support of Chronic Illness	2015	Perry M. Geem Debora A. Paterniti, Deborah Ward, Lisa M. Faansoederberg Miller	Ovid	Semi-structured, qualitative interviews	To learn from chronically ill engaged, experienced, and educated adults how and why they use personal health records for self-management support and productive patient-provider interaction	United States	50-65 years old, male and femal participants n = 18	Web-based tethered portal
Experience of Home Telehealth Technology in Older Patients with Diabetes	2017	Chi-Ping Chang, Ting-Ting Lee, Mary Etta Mills	Ovid	Semi-structured, qualitative interviews	To investigate perceptions and suggestions regarding using a telehealth service for diabetes management	Taiwan	65-91 years old, male and female participants n = 18	Telehealth program
Preferred Strategies for Delivering Health Information to Patients with Musculoskeletal Disorders	2021	Maria A. Lopez-Olivo, Jude K. A. des Bordes, Maria Jibaja-Weiss, Robert J. Volk, Maria E. Suarez-Almazor	Ovid	Semi-structured, qualitative interviews and focus group discussions	To explore the perceptions of patients with selected musculoskeletal disorders and those of rheumatologists, on their preferred strategies for delivery of disease management information.	United States	Ages 18+, predominantly female n = 52	DVD, Internet
Older Adults' Experience Using Patient Portals in Communities: Challenges and Opportunities	2019	Hyojin Son, Eun-Shim Nahm	Ovid	Secondary analysis of data from semi-structured interviews	To assess older adults' perceived usability of patient portals they currently use	United States	Ages 50+, majority females n = 272	Web-based portal
Facilitators of and Barriers to mHealth Adoption in Older Adults with Heart Failure	2018	Cajita, M. I., Hodgson, N. A., Lam, K. W., Yoo, S., & Han, H. R.	Ovid	Semi structured interviews	To assess the perceptions of older adults with heart failure regarding the use of mobile technology and to identify potential facilitators of and barriers to mHealth adoption.	unknown	66-83 years old, male and female participants. n = 10	Mobile app
'Having to learn this so late in our lives...' Swedish elderly patients' beliefs, experiences, attitudes and expectations of e-health in primary health care	2019	Nymberg, V. M., Bolmsjo, B. B., Wolff, M., Calling, S., Gerward, S., & Sandberg, M.	Medline	Focus group interviews	To explore elderly patients' beliefs, attitudes, experiences and expectations in order to understand the factors influencing their adherence to new innovative e-health instruments	Sweden	65-80 years old, n = 15	Mobile app and webpage

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Title	Year	Authors	Database	Method	Aim	Country	Participants	Intervention
"There's a huge benefit just to know that someone cares:" a qualitative examination of rural veterans' experiences with TelePain	2021	Silvestrini, M., Indresano, J., Zeliadt, S. B., & Chen, J. A.	Medline	Semi structured interviews	To evaluate patient satisfaction with the delivery of chronic pain care through telehealth	United States	41 to 73 years old, predominantly male. n = 16	Telehealth program
Exploring Attitudes and Experiences of People With Knee Osteoarthritis Toward a Self-Directed eHealth Intervention to Support Exercise: Qualitative Study	2020	Nelligan, R. K., Hinman, R. S., Teo, P. L., & Bennell, K. L.	Medline	Semi structured phone interviews	To explore the experiences and attitudes of people with knee OA who accessed the eHealth intervention and identify which features were perceived as useful to facilitate self-directed exercise.	Australia	48 to 75 years old, male and female participants. n = 16	Webpage and SMS program
The ideal mHealth-application for rheumatoid arthritis: qualitative findings from stakeholder focus groups.	2021	Doumen, M., Westhovens, R., Pazmino, S., Bertrand, D., Stouten, V., Neys, C., Creten, N., Van Laeken, E., Verschueren, P., & De Cock, D.	Medline	Focus group interviews	To explore the expectations and opinions of mHealth-inexperienced patients, nurses and rheumatologists on the possible benefits, barriers and essential features of an ideal mHealth application in the care for patients with RA.	Belgium	Ages not identified n = 17	Mobile app
Using the Technology Acceptance Model to Explore User Experience, Intent to Use, and Use Behavior of a Patient Portal Among Older Adults With Multiple Chronic Conditions: Descriptive Qualitative Study	2019	Portz, J. D., Bayliss, E. A., Bull, S., Boxer, R. S., Bekelman, D. B., Gleason, K., & Czaja, S.	PubMed	Semi-structured focus groups	To explore and understand user interface and user experiences, intent to use, and use behavior of eHealth services among peoople with multiple chronic conditions	America	mean age: 78.5 years old, female (17), and male (7). n=24	Virtual patient portal
Experiences and Factors Affecting Usage of an eHealth Tool for Self-Management Among People With Chronic Obstructive Pulmonary Disease: Qualitative Study.	2021	Marklund, S., Tistad, M., Lundell, S., Östrand, L., Sörlin, A., Boström, C., Wadell, K., & Nyberg, A.	PubMed	Semi-structured in-person and telephone interview	To explore and describe the expereinces of using an eHealth service over time and factors that affect usage	Sweden	48 to 86 years old, female (12), and male (4). n=16	Virtual patient portal
Dropout From an eHealth Intervention for Adults With Type 2 Diabetes: A Qualitative Study	2017	Lie, S. S., Karlsen, B., Oord, E. R., Graue, M., & Oftedal, B	PubMed	Semi-structured telephone interview	To explore experiences with the eHealth services from the perspectives of those who dropped out	Norway	44 to 73 years old, female (2), and male (10). n=12	Virtual patient portal
Mobile Health Apps to Facilitate Self-Care: A Qualitative Study of User Experiences	2016	Anderson, K., Burford, O., & Emmerton, L.	PubMed	Semi-structured interview	To qualitatively explore users' exprience with mobile health apps and theier perceived benefits from using the apps and to provide suggestions to improve the apps	Australia	18 to 55 years old, female (15) and male (7). n=22	Mobile health apps

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Title	Year	Authors	Database	Method	Purpose	Country	Sample	Intervention
Attitudes towards the use and acceptance of eHealth technologies: a case study of older adults living with chronic pain and implications for rural healthcare.	2015	Currie, Margaret; Philip, Lorna J.; Roberts, Anne	CINAHL	Mixed-methods: survey and semi-structured interviews	To explore and describe the experiences of eHealth technologies in older adults with chronic pain	Scotland	60 to 74 years old, n=7	Mobile health app
Striking a balance between in-person care and the use of eHealth to support the older rural population with chronic pain.	2015	Roberts, Anne; Philip, Lorna; Currie, Margaret; Mort, Alasdair	CINAHL	Semi-structured interviews	To evaluate the interactions between HCPs and older adults and examine how eHealth could enhance the life experiences of older adults with chronic pain.	Scotland	60 to 79 years old, female, n=6	Webpage
Expectations and needs of patients with a chronic disease toward self-management and eHealth for self-management purposes	2016	Huygens, Martine W. J.; Vermeulen, Joan; Swinkels, Ilse C. S.; Friele, Roland D.; van Schayck, Onno C. P.; de Witte, Luc P.	CINAHL	Focus Group interviews	To explore expectations and needs of people with a chronic condition regarding eHealth for self-management purposes and their willingness to use eHealth.	Netherlands	50 to 83 years old, predominantly male, n=14	Mobile health app
How Can eHealth Technology Address Challenges Related to Multimorbidity? Perspectives from Patients with Multiple Chronic Conditions.	2015	Zulman, Donna M; Jenchura, Emily C; Cohen, Danielle M; Lewis, Eleanor T; Houston, Thomas K; Asch, Steven M	CINAHL	Focus Group interviews	To evaluate self-management and health care navigation challenges that patients face due to MCCs and to identify opportunities to support these patients through new and enhanced eHealth technology	United States	Ages 18+, predominantly male, n=53	Mobile health app
Patients' Needs and Requirements for eHealth Pain Management Interventions: Qualitative Study	2019	Solem, Ingrid Konstanse Ledel, Varsi, Cecilie, Eide, Hilde, Kristjansdottir, Olöf Birna, Mirkovic, Jelena, Børøsund, Elin, Haaland-Øverby, Mette, Heldal, Karina, Schreurs, Karlein MG, Waxenberg, Lori B, Weiss, Karen Elizabeth, Morrison, Eleshia J, Nes, Lise Solberg, Ledel Solem, Ingrid Konstanse, Solberg Nes, Lise	CINAHL	Semi-structured interviews	To explore the experiences of patients with chronic pain with regard to information and communication technology, and how an eHealth intervention can support the everyday needs and challenges of patients with chronic pain,	Norway	18 to 74 years old, female (15) and male (5), n=20	Webpage and mobile health app