

Effectiveness of m-health based self-management on self-efficacy in patients with cancer: A systematic review and meta-analysis



Abstract Author keywords Sustainable Development Goals 2023 SciVal Topics Metrics

Abstract

Introduction: M-health has been developed and tested through studies in various settings and found useful for providing knowledge and experience for nurses in cancer care settings. However, none has synthesized the effectiveness of m-health on self-management of patients with cancer. To evaluate the effect of interventions using mobile-based application on patient's self-management, outcome measures were patients' medical adherence, self-efficacy and self-management level and health literacy. Methods: This is a systematic review and meta-analysis that is reported in accordance with the guidelines of the PRISMA statement. A systematic review was conducted in five databases. Randomized controlled trials and quasi-experimental trials evaluating self-efficacy in patients with cancer were included. Critical appraisal was

Cited by 0 documents

Inform me when this document is cited in Scopus:

Set citation alert >

Related documents

Effect of electronic health (eHealth) on quality of life in women with breast cancer: A systematic review and meta-analysis of randomized controlled trials

Wen, T., Chen, C., Ren, W. (2023) Cancer Medicine

The Perspective of mHealth in the Self-Assessment of the Parkinson's Disease. Comment on Kalafati et al. Testing of Motor Coordination in Degenerative Neurological Diseases. Healthcare 2022, 10, 1948

Giansanti, D. (2023) Healthcare (Switzerland)

Look at the compass needle and see your course—navigation as a cancer survivor

Johansen, C. , Dalton, S.O. (2021) Acta Oncologica

View all related documents based on references

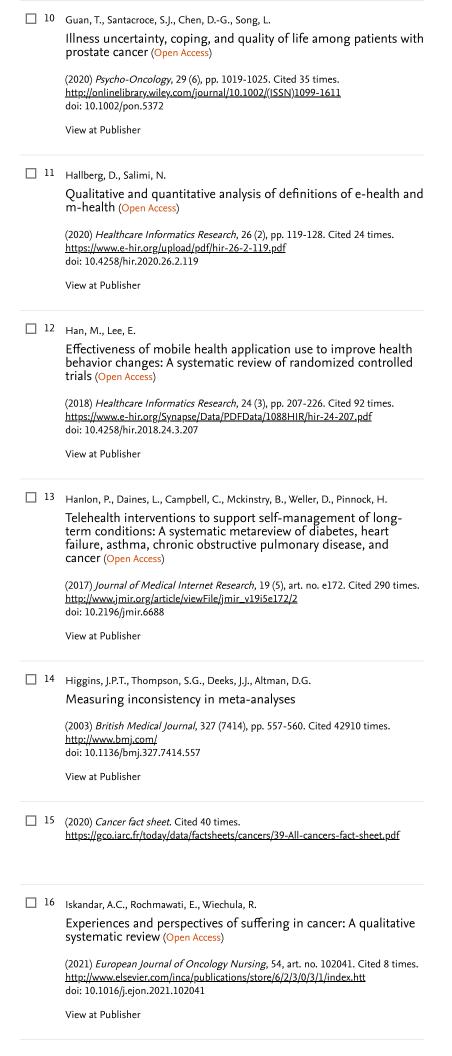
Find more related documents in Scopus based on:

Authors > Keywords >

performed using the Critical Appraisal Checklist from the Joanna Briggs Institute. Data were synthesized using Review Manager version 4.5. Results: Eight studies were included. There was a significant effect on self-efficacy after interventions using mobile-based applications (SMD = 0.36, CI 95%, [0.16, 0.56], p < 0.00006). Qualitative synthesis shows that the use of m-health can improve changes in health behavior, health literacy and physical activity. Conclusions: M-health-based self-management interventions may improve self-efficacy in cancer patients. Meanwhile, changes in health behavior in patients can be significantly improved using m-health-based self-management. M-health can be integrated into health services for the management of patients with cancer. © 2023 Jurnal Ners.

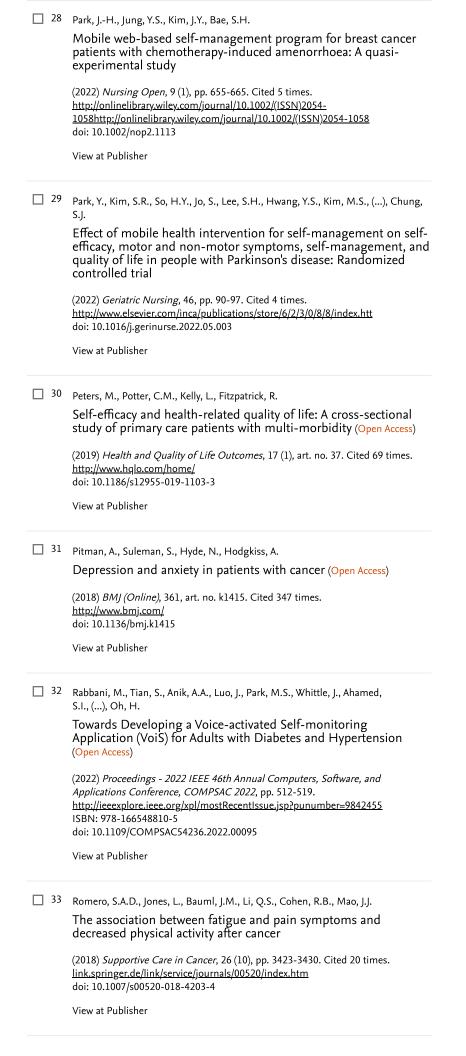
Author keywords cancer; m-health; self-management; systematic review			
Sustainable Developme	nt Goals 2023 ① New	<u> </u>	
SciVal Topics (i)		~	
Metrics		~	
	References (44) View in search	ch results format >	
	☐ All Export ☐ Print ☑ E-mail ② Save to PDF Create bibliogr.	aphy	
	Abasi, S., Yazdani, A., Kiani, S., Mahmoudzadeh-Sagheb, Z. Effectiveness of mobile health-based self-managem application for posttransplant cares: A systematic re (2021) Health Science Reports, 4 (4), art. no. e434. Cited 17 time onlinelibrary.wiley.com/journal/23988835 doi: 10.1002/hsr2.434 View at Publisher	view	
	Armbruster, C., Knaub, M., Farin-Glattacker, E., von der Warth, I Predictors of Adherence to Cancer-Related mHealth Cancer Patients Undergoing Oncological or Follow— —A Scoping Review (Open Access) (2022) International Journal of Environmental Research and Public Health, 19 (20), art. no. 13689. Cited 2 times. http://www.mdpi.com/journal/ijerph doi: 10.3390/ijerph192013689 View at Publisher	n Apps in -Up Treatment	
	Baik, S.H., Oswald, L.B., Buscemi, J., Buitrago, D., Iacobelli, F., F. A., Guitelman, J., (), Yanez, B. Patterns of use of smartphone-based interventions breast cancer survivors: Secondary analysis of a pilo controlled trial (Open Access) (2020) JMIR Cancer, 6 (2), art. no. e17538. Cited 8 times. https://cancer.jmir.org/2020/2/e17538/PDF doi: 10.2196/17538 View at Publisher	among latina	

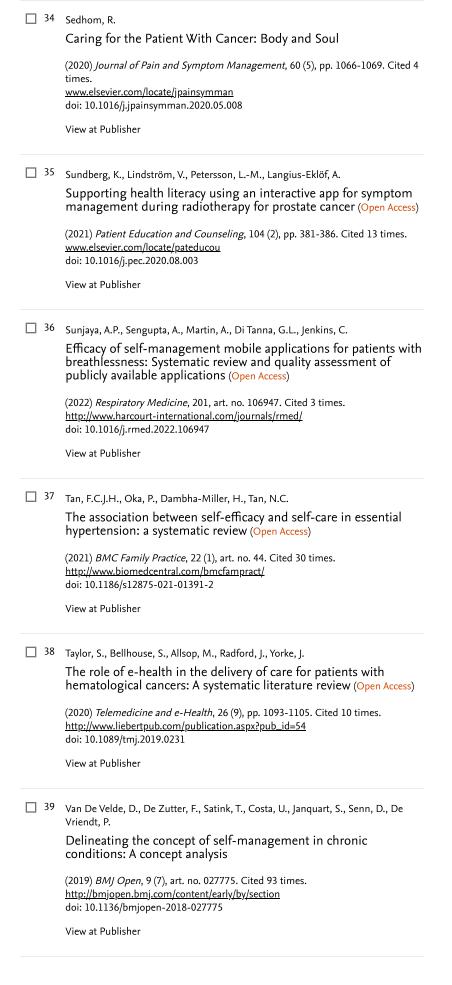






23	McKay, F.H., Cheng, C., Wright, A., Shill, J., Stephens, H., Uccellini, M. Evaluating mobile phone applications for health behaviour change: A systematic review (Open Access) (2018) Journal of Telemedicine and Telecare, 24 (1), pp. 22-30. Cited 218 times. http://www.uk.sagepub.com/journals/Journal202189 doi: 10.1177/1357633X16673538 View at Publisher
□ 24	Mostafaei, H., Sadeghi-Bazargani, H., Hajebrahimi, S., Salehi-Pourmehr, H., Ghojazadeh, M., Onur, R., Al Mousa, R.T., (), Oelke, M. Prevalence of female urinary incontinence in the developing world: A systematic review and meta-analysis—A Report from the Developing World Committee of the International Continence Society and Iranian Research Center for Evidence Based Medicine (Open Access) (2020) Neurourology and Urodynamics, 39 (4), pp. 1063-1086. Cited 36 times. http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1520-6777 doi: 10.1002/nau.24342 View at Publisher
□ 25	Ni, X., Lou, Y., Hu, W., Wang, H., Xu, H., Li, S., Zhou, Y., (), Ni, Y. Development of mobile health—based self-management support for patients with lung cancer: A stepwise approach (Open Access) (2022) Nursing Open, 9 (3), pp. 1612-1624. Cited 6 times. http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2054-1058http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)2054-1058 doi: 10.1002/nop2.1185 View at Publisher
□ 26	Ormel, H.L., van der Schoot, G.G.F., Westerink, ND.L., Sluiter, W.J., Gietema, J.A., Walenkamp, A.M.E. Self-monitoring physical activity with a smartphone application in cancer patients: a randomized feasibility study (SMART-trial) (Open Access) (2018) Supportive Care in Cancer, 26 (11), pp. 3915-3923. Cited 42 times. link.springer.de/link/service/journals/00520/index.htm doi: 10.1007/s00520-018-4263-5 View at Publisher
☐ 27	Papadakos, J.K., Hasan, S.M., Barnsley, J., Berta, W., Fazelzad, R., Papadakos, C.J., Giuliani, M.E., (), Howell, D. Health literacy and cancer self-management behaviors: A scoping review (Open Access) (2018) Cancer, 124 (21), pp. 4202-4210. Cited 58 times. http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-0142 doi: 10.1002/cncr.31733 View at Publisher







About Scopus

What is Scopus

Content coverage

Scopus blog

Scopus API

Privacy matters

Language

日本語版を表示する

查看简体中文版本

查看繁體中文版本

Просмотр версии на русском языке

Customer Service

Help

Tutorials

Contact us

ELSEVIER

Terms and conditions *¬* Privacy policy *¬*

All content on this site: Copyright © 2023 Elsevier B.V. ¬, its licensors, and contributors. All rights are reserved, including those for text and data mining, Al training, and similar technologies. For all open access content, the Creative Commons licensing terms apply.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies ¬.

€ RELX™