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Technology and diabetes self-management: An integrative ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4360416>

Mar 15, 2015 · This article describes an integrative review conducted to evaluate the types of technology being used to facilitate diabetes self-management and the effect of that technology on self-management and diabetes outcomes for adults living with type 2 diabetes mellitus. A literature review was conducted by searching Medline, PubMed, and Psych INFO databases using the search terms: diabetes self-management, technology, type 2 diabetes...

Cited by: 64 Author: Caralise W Hunt

Publish Year: 2015

A Systematic Review of Reviews Evaluating Technology ...

<https://journals.sagepub.com/doi/full/10.1177/1932296817713506>

May 31, 2017 · Interestingly, several studies 18,33-35 found interventions utilizing technology improved A1c levels more in people with type 2 diabetes compared to type 1 diabetes. This may be due to a variety of factors ranging from higher initial A1c levels, less familiarity with glucose monitoring and the associated therapeutics and perhaps less experience with self-management resulting in ...

Cited by: 93 Author: Deborah A. Greenwood, Perry M. Gee, K...

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Do Web-Based Interventions Improve Well-Being in Type 2 ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5097175>

Oct 21, 2016 · Introduction. **Diabetes** has become a global health concern, with 415 million people estimated to be living with **diabetes** worldwide. This figure is estimated to rise to around 642 million by 2040, with approximately 90% of those cases being **type 2 diabetes** mellitus [1-3]. Despite a growing number of treatment and therapy options available to people with **type 2 diabetes**, the number of **diabetes** ...

Cited by: 21

Author: Michelle Hadjiconstantinou, Jo Byrne, Da...

Publish Year: 2016

The use of technology to promote physical activity in Type ...

<https://www.onlinelibrary.wiley.com/doi/pdf/10.1111/dme.12289>

Jul 22, 2013 · This review provides a systematic and descriptive assessment of the effectiveness of **technology** to promote physical activity in people with **Type 2 diabetes**. For this review, **technology** included mobile phones and text messages, websites, CD-ROMs and computer-learning-based **technology**, and excluded telephone calls.

Cited by: 125

Author: Jenni Connelly, Alison Kirk, Judith Masth...

Publish Year: 2013

The use of technology to promote physical activity in Type ...

<https://www.ncbi.nlm.nih.gov/pubmed/23870009>

The use of **technology** to promote physical activity in **Type 2 diabetes** management: a systematic review. Connelly J, Kirk A, Masth... Author information: (1)Department of Diabetes and

Name of Journal: *World Journal of Diabetes*

Manuscript NO: 56219

Manuscript Type: SYSTEMATIC REVIEWS

The impact of technology use in type 2 diabetes distress: A systematic review

Patricia Vieira, Renata Kobayasi, Filomena Pereira, Isabella Zaia, Sandra Umeda Sasaki

Abstract

BACKGROUND

Diabetes distress is an important factor in treatment outcomes, resulting in poor behavioral and biological consequences. Technology has been used in management programs of diabetes to improve communication between patients and health care providers and to promote education about the disease and its psychological aspects, which can impact the self-efficacy of the programs. However, the true impact of technological approaches on the management of type 2 diabetes distress remains

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Impact of technology use in type 2 diabetes distress: A systematic



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Do Web-Based Interventions Improve Well-Being in Type 2 ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5097175>

Oct 21, 2016 · This **systematic review** is the first review to critically appraise and quantify the evidence on the **effect of Web-based interventions** that aim to **improve well-being in people with type 2 diabetes**. Methods

Cited by: 21

Author: Michelle Hadjiconstantinou, Jo Byrne, D...

Publish Year: 2016

A web-based intervention to support self-management of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4272538>

Dec 14, 2014 · A **systematic review** of **electronic diabetes-related** tools found that they had moderate but **inconsistent effects** on a variety of psychological and clinical outcomes, including HbA1c and weight; tools that were more interactive tools were associated with continued website use and greater **clinical improvement**. In addition, greater **website use** was correlated with greater **clinical improvements**...

Cited by: 56

Author: Catherine H Yu, Catherine H Yu, Janet ...

Publish Year: 2014

In-Person and Technology-Mediated Peer Support in Diabetes ...

<https://journals.sagepub.com/doi/10.1177/0145721720913275?icid=int.sj-challenge-page...>

PurposeThe purpose of this **study** is to report a **systematic** review of reviews of evidence and gaps focused on in-person and **technology-mediated diabetes peer support** and its **impact** ...

Psychosocial interventions for reducing diabetes distress ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6301434>

Dec 17, 2018 · Introduction. The daily demands of people living with **type 2 diabetes** mellitus (T2DM) may increase the risk of **diabetes distress** (DD).1 DD is a condition of stressful feelings associated with the challenges of managing **diabetes** and concerns related to diabetic