**Supplement 2** **Excluded studies by reason from review of economic evaluations of DIs in mental health**

**Supplement 2a** **Excluded studies from original literature search (up to November 2018)**

**Primary Diagnosis (27)**

1. Choi Yoo SJ, Nyman JA, Cheville AL, Kroenke K. Cost effectiveness of telecare management for pain and depression in patients with cancer: Results from a randomized trial. General Hospital Psychiatry. 2014 01 Nov;36(6):599-606.
2. De Bruin E, Van Steensel B, Meijer AM. Cost-effectiveness of group-and Internet cognitive behavioural therapy for insomnia in adolescents: Results from a randomized controlled trial. Journal of Sleep Research. 2016 September;25 (Suppl1):124.
3. De Bruin E, van Steensel F, Meijer A. Cost-effectiveness of group and internet cognitive behavioral therapy for insomnia in adolescents: Results from a randomized controlled trial. Sleep 39 (8) (pp 1571-1581), 2016 Date of publication: 01 aug 2016. 2016.
4. De Bruin EJ, van Steensel FJ, Meijer AM. Cost-Effectiveness of Group and Internet Cognitive Behavioral Therapy for Insomnia in Adolescents: results from a Randomized Controlled Trial. Sleep. 2016;39(8):1571‐81.
5. Deluca P, Coulton S, Alam MF, Cohen D, Donoghue K, Gilvarry E, et al. Linked randomised controlled trials of face-to-face and electronic brief intervention methods to prevent alcohol related harm in young people aged 14-17 years presenting to Emergency Departments (SIPS junior). BMC public health 2015;15:345.
6. Drost RM, Paulus AT, Jander AF, Mercken L, de Vries H, Ruwaard D, et al. A web-based computer-tailored alcohol prevention program for adolescents: cost-effectiveness and intersectoral costs and benefits. Journal of Medical Internet Research. 2016 21 Apr;18(4):e93.
7. Ferwerda M, van Beugen S, van Middendorp H, Visser H, Vonkeman H, Creemers M, et al. Tailored, therapist-guided internet-based cognitive behavioral therapy compared to care as usual for patients with rheumatoid arthritis: Economic evaluation of a randomized controlled trial. Journal of Medical Internet Research. 2018 11 Oct;20(10):e260.
8. Ferwerda M, Van Beugen S, Van Middendorp H, Visser H, Vonkeman H, Creemers M, et al. HPR an economic evaluation of a tailored guided internet-based cognitive behavioural intervention for patients with rheumatoid arthritisas an addition to usual care. Annals of the Rheumatic Diseases. 2018 June;77 (Supplement 2):217.
9. Ferwerda M, van Beugen S, van Middendorp H, Visser H, Vonkeman H, Creemers M, et al. An economic evaluation of a tailored guided internet-based cognitive behavioural intervention for patients with rheumatoid arthritis as an addition to usual care. Annals of the Rheumatic Diseases. 2018 Jun;77:217-.
10. Franzini L, Sail KR, Thomas EJ, Wueste L. Costs and cost-effectiveness of a telemedicine intensive care unit program in 6 intensive care units in a large health care system. Journal of critical care. 2011;26(3):329. e1-. e6.
11. Hay JW, Lee PJ, Jin H, Guterman JJ, Gross-Schulman S, Ell K, et al. Cost-Effectiveness of a Technology-Facilitated Depression Care Management Adoption Model in Safety-Net Primary Care Patients with Type 2 Diabetes. Value in Health. 2018 May;21(5):561-8.
12. Hudson JL, Moss-Morris R, Norton S, Picariello F, Game D, Carroll A, et al. Tailored online cognitive behavioural therapy with or without therapist support calls to target psychological distress in adults receiving haemodialysis: A feasibility randomised controlled trial. Journal of Psychosomatic Research. 2017;102:61-70.
13. Jansen F, Krebber AM, Coupé VM, Cuijpers P, de Bree R, Becker-Commissaris A, et al. Cost-utility of stepped care targeting psychological distress in patients with head and neck or lung cancer. Journal of Clinical Oncology. 2017;35(3):314‐24.
14. Kaldo V, Levin S, Widarsson J, Buhrman M, Larsen HC, Andersson G. Internet versus group cognitive-behavioral treatment of distress associated with tinnitus: a randomized controlled trial. Behavior Therapy. 2008 December;39(4):348-59.
15. Kessler J, Ruggles K, Patel A, Nucifora K, Li L, Roberts MS, et al. Targeting an alcohol intervention cost-effectively to persons living with HIV/AIDS in East Africa. Alcoholism: Clinical and Experimental Research. 2015 November;39(11):2179-88.
16. Kingston D, Janes-Kelley S, Tyrrell J, Clark L, Hamza D, Holmes P, et al. An integrated web-based mental health intervention of assessment-referral-care to reduce stress, anxiety, and depression in hospitalized pregnant women with medically high-risk pregnancies: a feasibility study protocol of hospital-based implementation. Jmir Research Protocols. 2015 Jan-Mar;4(1).
17. Krebber AM, Leemans CR, de Bree R, van Straten A, Smit F, Smit EF, et al. Stepped care targeting psychological distress in head and neck and lung cancer patients: A randomized clinical trial. BMC Cancer. 2012;12:173.
18. Lleras M, Casellas-Grau A, Sumalla E, Ortega AR, Andres JMB, Ochoa C. Randomized control trial (RCT) of online vs presential positive group psychotherapy. Psycho-Oncology. 2017 August;26 (Supplement 3):44-5.
19. Looijmans A, Jorg F, Bruggeman R, Schoevers R, Corpeleijn E. Design of the Lifestyle Interventions for severe mentally ill outpatients in the Netherlands (LION) trial; a cluster randomised controlled study of a multidimensional web tool intervention to improve cardiometabolic health in patients with severe mental illness. BMC Psychiatry. 2017 21 Mar;17 (1) (no pagination)(107).
20. Moss-Morris R, McCrone P, Yardley L, van Kessel K, Wills G, Dennison L. A pilot randomised controlled trial of an Internet-based cognitive behavioural therapy self-management programme (MS Invigor8) for multiple sclerosis fatigue. Behaviour Research and Therapy. 2012 June;50(6):415-21.
21. Nobis S, Ebert DD, Lehr D, Smit F, Buntrock C, Berking M, et al. Web-based intervention for depressive symptoms in adults with types 1 and 2 diabetes mellitus: A health economic evaluation. British Journal of Psychiatry. 2018 April;212(4):199-206.
22. Palmer R, Cooper C, Enderby P, Julious S, Latimer N, Brady M. ‘Big CACTUS’ cost effectiveness of self-managed computer therapy at home: a UK multicentre RCT. 12th UK stroke forum conference. 2017:70‐1.
23. Sampaio F, Bonnert M, Olen O, Hedman E, Lalouni M, Lenhard F, et al. Cost-effectiveness of internet-delivered cognitive behaviour therapy for adolescents with Irritable Bowel Syndrome. Value in Health. 2018 September;21 (Suppl 2):S42.
24. Savard J, Ivers H, Savard MH, Villa J, Morin C. Is a video-based cognitive-behavioral therapy as efficacious as a professionally administered treatment for insomnia comorbid with cancer? preliminary results of a randomized controlled trial. Psycho-Oncology. 2013 February;22:15.
25. Thiart H, Ebert DD, Lehr D, Nobis S, Buntrock C, Berking M, et al. Internet-based cognitive behavioral therapy for insomnia: A health economic evaluation. Sleep. 2016 October;39(10):1769-78.
26. van Eeden M, Kootker JA, Evers SMAA, van Heugten CM, Geurts ACH, van Mastrigt GAPG. An economic evaluation of an augmented cognitive behavioural intervention vs. computerized cognitive training for post-stroke depressive symptoms. BMC Neurology. 2015;15(1):1-12.
27. Zurovac D, Larson BA, Sudoi RK, Snow RW. Costs and cost-effectiveness of a mobile phone text-message reminder programmes to improve health workers' adherence to malaria guidelines in Kenya. PLoS ONE. 2012;7(12):e52045.

**Intervention (13)**

1. Blankers M, Nabitz U, Smit F, Koeter MWJ, Schippers GM. Economic evaluation of internet-based interventions for harmful alcohol use alongside A pragmatic randomized controlled trial. Journal of Medical Internet Research. 2012;14(5):71-83.
2. Bounthavong M, Pruitt LD, Smolenski DJ, Gahm GA, Bansal A, Hansen RN. Economic evaluation of home-based tele-behavioural health care compared to in-person treatment delivery for depression. Journal of Telemedicine and Telecare. 2018 01 Feb;24(2):84-92.
3. Dallery J, Meredith S, Jarvis B, Nuzzo PA. Internet-based group contingency management to promote smoking abstinence. Experimental and Clinical Psychopharmacology. 2015 01 Jun;23(3):176-83.
4. Dixon P, Hollinghurst S, Edwards L, Thomas C, Foster A, Davies B, et al. Cost-effectiveness of telehealth for patients with depression: Evidence from the Healthlines randomised controlled trial. Bjpsych Open. 2016 Jul;2(4).
5. Egede LE, Dismuke CE, Walker RJ, Acierno R, Frueh BC. Cost-effectiveness of behavioral activation for depression in older adult veterans: In-person care versus telehealth. Journal of Clinical Psychiatry. 2018 September-October;79 (5) (no pagination)(17m11888).
6. Jakovljevic M, Jovanovic M, Rancic N, Vyssoki B, Djordjevic N. LAT software induced savings on medical costs of alcohol addicts' care--results from a matched-pairs case-control study. PLoS ONE [Electronic Resource]. 2014;9(11):e111931.
7. Lavelle TA, Kommareddi M, Jaycox LH, Belsher B, Freed MC, Engel CC. Cost-effectiveness of collaborative care for depression and PTSD in military personnel. American Journal of Managed Care. 2018;24(2):91-8.
8. Levy DE, Klinger EV, Linder JA, Fleegler EW, Rigotti NA, Park ER, et al. Cost-Effectiveness of a Health System-Based Smoking Cessation Program. Nicotine & Tobacco Research. 2017 Nov 07;19(12):1508-15.
9. Lindgren S, Wacker D, Suess A, Schieltz K, Pelzel K, Kopelman T, et al. Telehealth and autism: Treating challenging behavior at lower cost. Pediatrics. 2016 February;137(Suppl 2):S167-S75.
10. Moessner M, Bauer S, Ozer F, Wolf M, Zimmer B, Kordy H. Cost-effectiveness of an internet-based aftercare intervention after inpatient treatment in a psychosomatic hospital. Psychotherapy research. Journal of the Society for Psychotherapy Research. 2014 01 Jul;24(4):496-503.
11. Smith MY, Cromwell J, DePue J, Spring B, Redd W, Unrod M. Determining the cost-effectiveness of a computer-based smoking cessation intervention in primary care. Managed care (Langhorne, Pa). 2007 Jul;16(7):48-55.
12. Watson HJ, McLagan N, Zerwas SC, Crosby RD, Levine MD, Runfola CD, et al. Cost-effectiveness of internet-based cognitive-behavioral treatment for bulimia nervosa: results of a randomized controlled trial. Journal of Clinical Psychiatry. 2018;79(1) (no pagination).
13. Wood DP, Murphy J, McLay R, Koffman R, Spira J, Obrecht RE, et al. Cost effectiveness of virtual reality graded exposure therapy with physiological monitoring for the treatment of combat related post traumatic stress disorder. Annual Review of CyberTherapy and Telemedicine. 2009;7(1):223-9.

**Outcome (36)**

1. Abhulimen S, Hirsch A. Quantifying the economic impact of a digital self-care behavioral health platform on Missouri Medicaid expenditures. Journal of Medical Economics. 2018 02 Nov;21(11):1084-90.
2. Anguera JA, Jordan JT, Castaneda D, Gazzaley A, Arean PA. Conducting a fully mobile and randomised clinical trial for depression: Access, engagement and expense. BMJ Innovations. 2016 01 Jan;2(1):14-21.
3. Baskerville NB, Struik LL, Dash D. Crush the Crave: development and formative evaluation of a smartphone app for smoking cessation. JMIR Mhealth Uhealth. 2018;6(3):e52.
4. Benbow AA, Anderson PL. Long-term improvements in probability and cost biases following brief cognitive behavioral therapy for social anxiety disorder. Cognitive Therapy and Research. 2019 01 Apr;43(2):412-8.
5. Borland R, Balmford J, Benda P. Population-level effects of automated smoking cessation help programs: A randomized controlled trial. Addiction. 2013 Mar;108(3):618-28.
6. Borland R, Balmford J, Benda P. Population‐level effects of automated smoking cessation help programs: A randomized controlled trial. Addiction. 2013;108(3):618-28.
7. Boß L, Lehr D, Schaub MP, Paz Castro R, Riper H, Berking M, et al. Efficacy of a web-based intervention with and without guidance for employees with risky drinking: results of a three-arm randomized controlled trial. Addiction. 2018;113(4):635-46.
8. Botella C, Garcia-Palacios A, Villa H, Banos RM, Quero S, Alcaniz M, et al. Virtual reality exposure in the treatment of panic disorder and agoraphobia: A controlled study. Clinical Psychology & Psychotherapy. 2007;14(3):164-75.
9. Crombie IK, Irvine L, Williams B, Sniehotta FF, Petrie D, Jones C, et al. Texting to Reduce Alcohol Misuse (TRAM): main findings from a randomized controlled trial of a text message intervention to reduce binge drinking among disadvantaged men. Addiction. 2018;113(9):1609-18.
10. Ebert DD, Heber E, Berking M, Riper H, Cuijpers P, Funk B, et al. Self-guided internet-based and mobile-based stress management for employees: results of a randomised controlled trial. Occupational & Environmental Medicine. 2016 May;73(5):315-23.
11. Elison S, Davies G, Ward J. An outcomes evaluation of computerized treatment for problem drinking using breaking free online. Alcoholism Treatment Quarterly. 2015 03 Apr;33(2):185-96.
12. Etter J-F. Comparing the efficacy of two Internet-based, computer-tailored smoking cessation programs: a randomized trial. Journal of Medical Internet Research. 2005;7(1).
13. Faurholt-Jepsen M, Frost M, Christensen EM, Bardram JE, Vinberg M, Kessing LV. The effect of smartphone-based monitoring on illness activity in bipolar disorder: the MONARCA II randomized controlled single-blinded trial. Psychological Medicine. 2019:1-11.
14. Fellows JL, Mularski RA, Leo MC, Bentz CJ, Waiwaiole LA, Francisco MC, et al. Referring Hospitalized Smokers to Outpatient Quit Services: A Randomized Trial. American Journal of Preventive Medicine. 2016;51(4):609-19.
15. Harrington KF, Kim Y-i, Chen M, Ramachandran R, Pisu M, Sadasivam RS, et al. Web-Based Intervention for Transitioning Smokers From Inpatient to Outpatient Care: An RCT. American Journal of Preventive Medicine. 2016;51(4):620-9.
16. Kelly RM. Group social skills interventions for children with Aspergers: The effects of parent- guided social skills software. Dissertation Abstracts International: Section B: The Sciences and Engineering. 2017;77(12-B(E))
17. Kishimoto T, Krieger T, Berger T, Qian M, Chen H, Yang Y. Internet-Based Cognitive Behavioral Therapy for Social Anxiety with and without Guidance Compared to a Wait List in China: A Propensity Score Study. Psychotherapy and Psychosomatics. 2016 01 Aug;85(5):317-9.
18. Klein B, Austin D, Pier C, Kiropoulos L, Shandley K, Mitchell J, et al. Internet-based treatment for panic disorder: Does frequency of therapist contact make a difference? Cognitive Behaviour Therapy. 2009 June;38(2):100-13.
19. Klein JP, Berger T, Schröder J, Späth C, Meyer B, Caspar F, et al. Effects of a Psychological Internet Intervention in the Treatment of Mild to Moderate Depressive Symptoms: Results of the EVIDENT Study, a Randomized Controlled Trial. Psychotherapy and Psychosomatics. 2016;85(4):218-28.
20. Kok RN, van Straten A, Beekman ATF, Cuijpers P. Short-term effectiveness of web-based guided self-help for phobic outpatients: randomized controlled trial. Journal of medical internet research. 2014;16(9):e226.
21. Kraaij V, van Emmerik A, Garnefski N, Schroevers MJ, Lo-Fo-Wong D, van Empelen P, et al. Effects of a cognitive behavioral self-help program and a computerized structured writing intervention on depressed mood for HIV-infected people: A pilot randomized controlled trial. Patient Education and Counseling. 2010 August;80(2):200-4.
22. Kuehnel CA. Online delivery of a social skills intervention with video modeling for adolescents with autism spectrum disorder. Dissertation Abstracts International: Section B: The Sciences and Engineering. 2014;75(2-B(E)):No-Specified.
23. Lintvedt OK, Griffiths KM, Eisemann M, Waterloo K. Evaluating the translation process of an Internet-based self-help intervention for prevention of depression: a cost-effectiveness analysis. Journal of medical Internet research. 2013;15(1):e18.
24. Mathiasen K, Andersen TE, Riper H, Kleiboer AA, Roessler KK. Blended CBT versus face-to-face CBT: a randomised non-inferiority trial. BMC psychiatry. 2016;16(1):432.
25. McCall HC, Richardson CG, Helgadottir FD, Chen FS. Evaluating a Web-Based Social Anxiety Intervention Among University Students: Randomized Controlled Trial. J Med Internet Res. 2018 Mar 21;20(3):e91.
26. McLay RN, Baird A, Webb-Murphy J, Deal W, Tran L, Anson H, et al. A Randomized, Head-to-Head Study of Virtual Reality Exposure Therapy for Posttraumatic Stress Disorder. Cyberpsychol Behav Soc Netw. 2017 Apr;20(4):218-24.
27. Mehring M, Haag M, Linde K, Wagenpfeil S, Schneider A. Effects of a guided web-based smoking cessation program with telephone counseling: a cluster randomized controlled trial. Journal of medical Internet research. 2014;16(9).
28. Morris LD, Louw QA, Crous LC. Feasibility and potential effect of a low-cost virtual reality system on reducing pain and anxiety in adult burn injury patients during physiotherapy in a developing country. Burns. 2010 August;36(5):659-64.
29. Patel SR, Wheaton MG, Andersson E, Ruck C, Schmidt AB, La Lima CN, et al. Acceptability, Feasibility, and Effectiveness of Internet-Based Cognitive-Behavioral Therapy for Obsessive-Compulsive Disorder in New York. Behavior Therapy. 2018 July;49(4):631-41.
30. Pot-Kolder RMCA, Geraets CNW, Veling W, van Beilen M, Staring ABP, Gijsman HJ, et al. Virtual-reality-based cognitive behavioural therapy versus waiting list control for paranoid ideation and social avoidance in patients with psychotic disorders: a single-blind randomised controlled trial. The Lancet Psychiatry. 2018;5(3):217-26.
31. Riper H, Kramer J, Smit F, Conijn B, Schippers G, Cuijpers P. Web-based self-help for problem drinkers: a pragmatic randomized trial. Addiction. 2008;103(2):218-27.
32. Rollman BL, Herbeck Belnap B, Abebe KZ, Spring MB, Rotondi AJ, Rothenberger SD, et al. Effectiveness of online collaborative care for treating mood and anxiety disorders in primary care: A randomized clinical trial. JAMA Psychiatry. 2018 Jan 1;75(1):56-64.
33. Smit F, Lokkerbol J, Riper H, Majo C, Boon B, Blankers M. Modeling the cost-effectiveness of health care systems for alcohol use disorders: How implementation of eHealth interventions improves cost-effectiveness. Journal of Medical Internet Research. 2011;13(3):93-106.
34. ter Huurne ED, de Haan HA, Postel MG, van der Palen J, VanDerNagel JEL, DeJong CAJ. Web-based cognitive behavioral therapy for female patients with eating disorders: randomized controlled trial. Journal of medical Internet research. 2015;17(6):e152.
35. van Ballegooijen W, Riper H, Klein B, Ebert DD, Kramer J, Meulenbeek P, et al. An internet-based guided self-help intervention for panic symptoms: Randomized controlled trial. J Med Internet Res. 013;15(7):e154.
36. Warmerdam L, Van Straten A, Twisk J, Riper H, Cuijpers P. Internet-based treatment for adults with depressive symptoms: Randomized controlled trial. Journal of Medical Internet Research 2008;10 (4) (no pagination). http://dx.doi.org/http://dx.doi.org/10.2196/jmir.1094

**Design including reviews (10)**

1. Cheung KL, Wijnen BFM, Hiligsmann M, Coyle K, Coyle D, Pokhrel S, et al. Is it cost-effective to provide internet-based interventions to complement the current provision of smoking cessation services in the Netherlands? An analysis based on the EQUIPTMOD. Addiction. 2018 Jun;113:87-95.
2. Dear BF, Zou JB, Ali S, Lorian CN, Johnston L, Terides MD, et al. Examining self-guided internet-delivered cognitive behavior therapy for older adults with symptoms of anxiety and depression: Two feasibility open trials. Internet Interventions. 2015;2(1):17‐23.
3. Kolovos S, Van Dongen JM, Riper H, Van Tulder MW, Bosmans JE. Cost-effectiveness of guided internet-based treatments for depression in comparison with control conditions: An individual-participant data meta-analysis. Value in Health. 2017;20 (9):A714-A5.
4. Kumar S, Jones Bell M, Juusola JL. Mobile and traditional cognitive behavioral therapy programs for generalized anxiety disorder: A cost-effectiveness analysis. PLoS ONE. 2018;13(1):e0190554.
5. Luxton DD, Hansen RN, Stanfill K. Mobile app self-care versus in-office care for stress reduction: a cost minimization analysis. Journal of telemedicine and telecare. 2014 01 Dec;20(8):431-5.
6. McCrone P, Knapp M, Proudfoot J, Ryden C, Cavanagh K, Shapiro DA. Erratum: Cost-effectiveness of computerised cognitive-behavioural therapy for anxiety and depression in primary care: Randomised controlled trial. British Journal of Psychiatry 2004;**185**:440.
7. Menzies R, O'Brian S, Lowe R, Packman A, Onslow M. International Phase II clinical trial of CBTPsych: A standalone Internet social anxiety treatment for adults who stutter. Journal of Fluency Disorders. 2016 Jun;48:35-43.
8. Moessner M, Minarik C, Ozer F, Bauer S. effectiveness and cost-effectiveness of school-based dissemination strategies of an internet-based program for the prevention and early intervention in eating disorders: a randomized trial. Prevention Science : The Official Journal of the Society for Prevention Research. 2016 01 Apr;17(3):306-13.
9. Ramirez AG, Chalela P, Akopian D, Munoz E, Gallion KJ, Despres C, et al. Text and mobile media smoking cessation service for young adults in South Texas: Operation and cost-effectiveness estimation. Health Promotion Practice. 2017 01 Jul;18(4):581-5.
10. Zhang MWB, Ho RCM. Moodle: The cost-effective solution for internet cognitive behavioral therapy (I-CBT) interventions. Technology and Health Care. 2017;25(1):163-5.

**Abstracts (26)**

1. Agha Z. Cost analysis of delivering PTSD psychotherapy via telemedicine. American Telemedicine Association (ATA),16th annual international meeting; May 1-3 ; Tampa, Florida. 2011:Abstract 506.
2. Bischof G, Grothues JM, Reinhardt S, Meyer C, John U, Rumpf HJ. Stepped-care intervention for alcohol problems: A cost-effective approach for brief interventions in primary care? Alcoholism: Clinical and Experimental Research. 2010 August;3):29A.
3. Blankers M, Nabitz UW. Clinical outcomes and economic evaluation of internet-based interventions for harmful alcohol use: A pragmatic randomized trial. Sucht. 2012;1):64.
4. Bounthavong M, Pruitt LD, Smolenski DJ, Gahm GA, Bansal A, Hansen RN. Economic evaluation of in-home telehealth compared to in-person treatment delivery for managing depression. Value in Health. 2016 May;19 (3):A189.
5. Compen F, Bisseling E, Donders R, Adang E, Speckens A, Van Lee M. Face-to-face versus individual internet-based MBCT versus TAU for distressed cancer patients: The BeMind study. Psycho-Oncology. 2017 August;26 (Suppl 3):11.
6. Duarte A, Walker S, Littlewood L, Gilbody S, Palmer S. Computerised cognitive behaviour therapy for depression management: A cost-effectiveness analysis. Value in Health. 2014 November;17 (7):A459.
7. El Alaoui S, Hedman E, Ljotsson B, Bergstrom J, Lindefors N. Effectiveness and health economic evaluation of internet-based cognitive behavioural therapy in regular psychiatric care. European Psychiatry Conference: 21st European Congress of Psychiatry, EPA. 2013;28(Suppl1).
8. Gerhards SAH, de Graaf LE, Jacobs LE, Severens JL, Huibers MJH, Arntz A, et al. economic evaluation of online computerized cognitive behavioural therapy without support for depression in primary care: A randomized trial. Journal of Mental Health Policy and Economics. 2011 Mar;14:S7-S.
9. Grafe V, Greiner W. Internet based treatment of depressive symptoms-a health economic evaluation of costs and benefits. Value in health Conference: ISPOR 20th annual European congress, United kingdom. 2017;20(9):A714.
10. Hollinghurst S, Kaur S, Lewis G, Peters T, Sharp D, Wiles N, et al. effectiveness and cost-effectiveness of an internet based cognitive behavioural psychotherapy for depression: A randomised controlled trial. Journal of Mental Health Policy and Economics. 2009 Mar;12:S20-S1.
11. Kemmeren L, van Schaik DJF, Riper H, Smit JH. The cost-effectiveness of blended cognitive therapy for depression, the E-COMPARED study in the Netherlands. Bipolar Disorders. 2016 Jul;18:58.
12. Lenhard F, Richard S, Erik A, Irma F, Christian R, David MC, et al. Cost-effectiveness of therapist-guided internet-delivered cognitive behavior therapy for pediatric obsessive-compulsive disorder. Journal of Mental Health Policy and Economics. 2017 Mar;20:S21-S.
13. Lenhard F, Ssegonja R, Andersson E, Feldman I, Ruck C, Mataix-Cols D, et al. Cost-effectiveness of internet delivered cognitive-behavior therapy for obsessive-compulsive disorder: Results from a randomized controlled trial. Journal of the American Academy of Child and Adolescent Psychiatry. 2016 October;55 (10 Suppl 1):S204.
14. Lenhard F, Ssegonja R, Andersson E, Feldman I, Ruck C, Mataix-Cols D, et al. Cost-effectiveness of internet-delivered cognitive behavior therapy for adolescent obsessive-compulsive disorder. Value in Health. 2016 November;19 (7):A521.
15. Mayoral F, Garcia A. Efficacy and cost-effectiveness of computerised cognitive therapy for depression in primary care: A controlled randomized study. Journal of Mental Health Policy and Economics. 2015;1):S28-S9.
16. Mayoral F, Garcia-Ruiz A. Economic evaluation of a guided and unguided internet-based cbt intervention for major depression: results from a multicentre three-armed randomized controlled trial conducted in primary care. Journal of Mental Health Policy and Economics. 2017 Mar;20:S23-S.
17. Mlcoch T, Kruntoradova K, Mandelikova M, Dolezal T. Cost-effectiveness analysis of the Information Technology Aided RelaPSe prevention programme in schizophrenia (ITAREPS) in the Czech Republic. Value in Health. 2015 November;18 (7):A410.
18. Mlcoch T, Kruntoradova K, Mandelikova M, Dolezal T. Cost-effectiveness analysis of the Information Technology Aided RelaPSe prevention programme in schizophrenia (ITAREPS) in the Czech Republic. Value in Health. 2015 Nov;18(7):A410-A.
19. Moss-Morris R, van Kessel K, Yardley L, Wills G, McCrone P. The potential efficacy and cost-effectiveness of a web-based cognitive behavioural therapy programme for multiple sclerosis fatigue: The MS-INVIGOR8 pilot trial. International Journal of Behavioral Medicine. 2010 Aug;17:227-8.
20. O'Connell MM, Kolovos S, Bosmans JE, Forbes JF. Discrete event simulation modelling of long term cost-effectiveness of internet-based blended cognitive behavioural therapy for major depressive disorder: Extrapolation of the E-COMPARED randomised controlled trial. Value in Health. 2017 OctoberNovember;20 (9):A403.
21. Schreiber S, Hessel F. Budget impact of computer-based psychotherapy in Germany. Value in Health. 2017;20 (9):A513.
22. Smit E, Evers S, de Vries H, Hoving C. Cost-effectiveness and cost-utility of Internet-based computer-tailoring for smoking cessation. Psychology & Health. 2012;27:120-1.
23. Smith DJ, Griffiths E, Poole R, Di Florio A, Barnes E, Kelly M, et al. Beating bipolar: Exploratory trial of a novel internet-based psychoeducational treatment for bipolar disorder. Bipolar Disorders. 2011 June 1:91.
24. Stone P. A brief smoking cessation intervention for adults in hospital was cost effective Evidence Based Nursing. 1999:58.
25. Verdonck-De Leeuw I, Krebber AM, Smit HFE, Witte BI, De Bree R, Cuijpers P, et al. Efficacy and cost-evaluation of web-based guided self-help targeting psychological distress in cancer survivors. Supportive care in cancer. 2013;21:S132.
26. Wood DP, Murphy J, McLay R, Koffman R, Spira J, Obrecht RE, et al. Cost effectiveness of virtual reality graded exposure therapy with physiological monitoring for the treatment of combat related post traumatic stress disorder. Cyberpsychology & Behavior. 2009 Oct;12(5):669-70.

**Protocols (103)**

1. Aardoom JJ, Dingemans AE, Spinhoven P, Hakkaart-van Roijen L, Van Furth EF. An internet-based intervention for eating disorders consisting of automated computer-tailored feedback with or without supplemented frequent or infrequent support from a coach: Study protocol for a randomized controlled trial. Trials. 2013;14:340.
2. Anastasiadou D, Lupianez-Villanueva F, Fauli C, Cunillera JA, Serrano-Troncoso E. Cost-effectiveness of the mobile application TCApp combined with face-to-face CBT treatment compared to face-to-face CBT treatment alone for patients with an eating disorder: Study protocol of a multi-centre randomised controlled trial. BMC Psychiatry. 2018;18.
3. Baskerville NB, Struik LL, Hammond D, Guindon GE, Norman CD, Whittaker R, et al. Effect of a mobile phone intervention on quitting smoking in a young adult population of smokers: randomized controlled trial study protocol. JMIR Research Protocols. 2015 Jan 19;4(1):e10.
4. Beecham J, Bonin EM, Gorlich D, Banos R, Beintner I, Buntrock C, et al. Assessing the costs and cost-effectiveness of ICare internet-based interventions (protocol). Internet Interventions. 2018.
5. Blankers M, Koeter M, Schippers GM. Evaluating real-time internet therapy and online self-help for problematic alcohol consumers: a three-arm RCT protocol. BMC public health. 2009;9:16.
6. Bos L, Lehr D, Berking M, Riper H, Schaub MP, Ebert DD. Evaluating the (cost-)effectiveness of guided and unguided Internet-based self-help for problematic alcohol use in employees--a three arm randomized controlled trial. BMC Public Health. 2015 Oct 12;15:1043.
7. Bulik CM, Marcus MD, Zerwas S, Levine MD, Hofmeier S, Trace SE, et al. CBT4BN versus CBTF2F: Comparison of online versus face-to-face treatment for bulimia nervosa. Contemporary Clinical Trials. 2012 September;33(5):1056-64.
8. Chen XJ, Wang DM, Zhou LD, Winkler M, Pauli P, Sui N, et al. Mindfulness-based relapse prevention combined with virtual reality cue exposure for methamphetamine use disorder: Study protocol for a randomized controlled trial. Contemporary Clinical Trials. 2018 July;70:99-105.
9. Christ C, de Waal MM, van Schaik DJF, Kikkert MJ, Blankers M, Bockting CLH, et al. Prevention of violent revictimization in depressed patients with an add-on internet-based Emotion Regulation Training (iERT): Study protocol for a multicenter randomized controlled trial. BMC psychiatry. 2018;18(1):29.
10. Crombie IK, Irvine L, Williams B, Sniehotta FF, Petrie D, Evans JM, et al. A mobile phone intervention to reduce binge drinking among disadvantaged men: Study protocol for a randomised controlled cost-effectiveness trial. Trials. 2014;15:494.
11. Ebenfeld L, Kleine Stegemann S, Lehr D, Ebert DD, Jazaieri H, van Ballegooijen W, et al. Efficacy of a hybrid online training for panic symptoms and agoraphobia: Study protocol for a randomized controlled trial. Trials. 2014;15:427.
12. Ebert DD, Lehr D, Smit F, Zarski AC, Riper H, Heber E, et al. Efficacy and cost-effectiveness of minimal guided and unguided internet-based mobile supported stress-management in employees with occupational stress: A three-armed randomised controlled trial. BMC Public Health. 2014;14:807.
13. Faurholt-Jepsen M, Frost M, Martiny K, Tuxen N, Rosenberg N, Busk J, et al. Reducing the rate and duration of Re- ADMISsions among patients with unipolar disorder and bipolar disorder using smartphone-based monitoring and treatment - the RADMIS trials: study protocol for two randomized controlled trials. Trials. 2017;18(1) (no pagination).
14. Fellows JL, Mularski R, Waiwaiole L, Funkhouser K, Mitchell J, Arnold K, et al. Health and economic effects from linking bedside and outpatient tobacco cessation services for hospitalized smokers in two large hospitals: Study protocol for a randomized controlled trial. Trials. 2012;13:129.
15. Ferrari GR, Becker ES, Smit F, Rinck M, Spijker J. Investigating the (cost-) effectiveness of attention bias modification (ABM) for outpatients with major depressive disorder (MDD): A randomized controlled trial protocol. BMC psychiatry. 2016;16(1):370.
16. Fletcher K, Foley F, Thomas N, Michalak E, Berk L, Berk M, et al. Web-based intervention to improve quality of life in late stage bipolar disorder (ORBIT): Randomised controlled trial protocol. BMC Psychiatry. 2018 Jul 13;18(1):221.
17. Franta C, Philipp J, Waldherr K, Truttmann S, Merl E, Schofbeck G, et al. SUpporting Carers of Children and Adolescents with Eating Disorders in Austria (SUCCEAT): Study protocol for a randomised controlled trial. European Eating Disorders Review. 2018 Sep;26(5):447-61.
18. Freedman SA, Dayan E, Kimelman YB, Weissman H, Eitan R. Early intervention for preventing posttraumatic stress disorder: An internet-based virtual reality treatment. European Journal of Psychotraumatology. 2015;6.
19. Gellatly J, Bower P, McMillan D, Roberts C, Byford S, Bee P, et al. Obsessive Compulsive Treatment Efficacy Trial (OCTET) comparing the clinical and cost effectiveness of self-managed therapies: study protocol for a randomised controlled trial. Trials. 2014;15(1):278-.
20. Geraedts AS, Kleiboer AM, Wiezer NM, van Mechelen W, Cuijpers P. Web-based guided self-help for employees with depressive symptoms (Happy@Work): Design of a randomized controlled trial. BMC Psychiatry. 2013 18 Feb;13 (no pagination)(61).
21. Graham AL, Burke MV, Jacobs MA, Cha S, Croghan IT, Schroeder DR, et al. An integrated digital/clinical approach to smoking cessation in lung cancer screening: Study protocol for a randomized controlled trial. Trials. 2017;18(1):568.
22. Harrington KF, McDougal JA, Pisu M, Zhang B, Sadasivam RS, Houston TK, et al. Web-based smoking cessation intervention that transitions from inpatient to outpatient: Study protocol for a randomized controlled trial. Trials. 2012 Aug;13.
23. Heber E, Ebert DD, Lehr D, Nobis S, Berking M, Riper H. Efficacy and cost-effectiveness of a web-based and mobile stress-management intervention for employees: Design of a randomized controlled trial. BMC public health. 2013;13:655.
24. Heitmann J, van Hemel-Ruiter ME, Vermeulen KM, Ostafin BD, MacLeod C, Wiers RW, et al. Internet-based attentional bias modification training as add-on to regular treatment in alcohol and cannabis dependent outpatients: A study protocol of a randomized control trial. BMC Psychiatry. 2017 23 May;17 (1) (no pagination)(193).
25. Hensel JM, Shaw J, Jeffs L, Ivers NM, Desveaux L, Cohen A, et al. A pragmatic randomized control trial and realist evaluation on the implementation and effectiveness of an internet application to support self-management among individuals seeking specialized mental health care: a study protocol. BMC Psychiatry. 2016 Oct 18;16(1):350.
26. Hoek W, Schuurmans J, Koot HM, Cuijpers P. Prevention of depression and anxiety in adolescents: A randomized controlled trial testing the efficacy and mechanisms of Internet-based self-help problem-solving therapy. Trials. 2009 12 Oct;10:93.
27. Jeome H, Hazo JB, Amelie P, Morgane M, Maya D, Karine C. European comparative effectiveness research on internet-based depression treatment (E-COMPARED-France). a study protocol. European Psychiatry. 2018 March;48 (Suppl 1):S223.
28. Kaylor-Hughes CJ, Rawsthorne M, Coulson NS, Simpson S, Simons L, Guo B, et al. direct to public peer support and e-therapy program versus information to aid self-management of depression and anxiety: protocol for a randomized controlled trial. JMIR Research Protocols. 2017 Dec 18;6(12):e231.
29. Kemmeren LL, van Schaik DJ, Riper H, Kleiboer AM, Bosmans JE, Smit JH. Effectiveness of blended depression treatment for adults in specialised mental healthcare: Study protocol for a randomised controlled trial. BMC psychiatry. 2016;16:113.
30. Kenter RM, van Straten A, Hobbel SH, Smit F, Bosmans J, Beekman A, et al. Effectiveness and cost effectiveness of guided online treatment for patients with major depressive disorder on a waiting list for psychotherapy: Study protocol of a randomized controlled trial. Trials. 2013;14:412.
31. Kleiboer A, Smit J, Bosmans J, Ruwaard J, Andersson G, Topooco N, et al. European COMPARative Effectiveness research on blended Depression treatment versus treatment-as-usual (E-COMPARED): Study protocol for a randomized controlled, non-inferiority trial in eight European countries. Trials. 2016;17(1):387.
32. Klein JP, Berger T, Schroder J, Spath C, Meyer B, Caspar F, et al. The EVIDENT-trial: Protocol and rationale of a multicenter randomized controlled trial testing the effectiveness of an online-based psychological intervention. BMC Psychiatry. 2013 28 Sep;13 (239).
33. Kok RN, van Straten A, Beekman A, Bosmans J, de Neef M, Cuijpers P. Effectiveness and cost-effectiveness of web-based treatment for phobic outpatients on a waiting list for psychotherapy: protocol of a randomised controlled trial. BMC psychiatry. 2012;12:131.
34. Kooistra LC, Wiersma JE, Ruwaard J, van Oppen P, Smit F, Lokkerbol J, et al. Blended vs. face-to-face cognitive behavioural treatment for major depression in specialized mental health care: Study protocol of a randomized controlled cost-effectiveness trial. BMC Psychiatry. 2014;14(1):1-11.
35. Kunovski I, Donker T, Driessen E, Cuijpers P, Andersson G, Sijbrandij M. Internet-delivered cognitive behavioral therapy for posttraumatic stress disorder in international humanitarian aid workers: Study protocol. Internet Interventions. 2017 December;10:23-8.
36. Lobban F, Robinson H, Appelbe D, Barraclough J, Bedson E, Collinge L, et al. Protocol for an online randomised controlled trial to evaluate the clinical and cost-effectiveness of a peer-supported self-management intervention for relatives of people with psychosis or bipolar disorder: relatives Education And Coping Toolkit (REACT). BMJ Open. 2017;7(7):e016965.
37. López-del-Hoyo Y, Olivan B, Luciano JV, Mayoral F, Roca M, Gili M, et al. Low intensity vs. self-guided internet-delivered psychotherapy for major depression:A multicenter, controlled, randomized study. BMC Psychiatry. 2013;13:21.
38. McKay JR, Gustafson DH, Ivey M, McTavish F, Pe-Romashko K, Curtis B, et al. Effects of automated smartphone mobile recovery support and telephone continuing care in the treatment of alcohol use disorder: Study protocol for a randomized controlled trial. Trials. 2018 30 Jan;19 (1) (no pagination)(82).
39. Mouthaan J, Sijbrandij M, Olff M. Internet-based prevention of posttraumatic stress symptoms in injured trauma patients: Design of a randomized controlled trial. European Journal of Psychotraumatology. 2011;2.
40. Muhlmann C, Madsen T, Hjorthoj C, Kerkhof A, Nordentoft M, Erlangsen A. The Self-help Online against Suicidal thoughts (SOS) trial: Study protocol for a randomized controlled trial. Trials. 2017;18(1) (no pagination).
41. Mujcic A, Blankers M, Boon B, Engels R, van Laar M. Internet-based self-help smoking cessation and alcohol moderation interventions for cancer survivors: A study protocol of two RCTs. BMC cancer. 2018;18(1):364.
42. Murray E, McCambridge J, Khadjesari Z, White IR, Thompson SG, Godfrey C, et al. The DYD-RCT protocol: An on-line randomised controlled trial of an interactive computer-based intervention compared with a standard information website to reduce alcohol consumption among hazardous drinkers. BMC Public Health. 2007;7 (306).
43. Musiat P, Potterton R, Gordon G, Spencer L, Zeiler M, Waldherr K, et al. Web-based indicated prevention of common mental disorders in university students in four European countries - Study protocol for a randomised controlled trial. Internet interventions. 2018;(no pagination).
44. NCT00743834. Cost-Effectiveness of Adding Web-Based CBT to Luvox CR for OCD. Http://clinicaltrialsgov/show/nct00743834. 2008.
45. NCT00978484. A Head-to-head Comparison of Virtual Reality Treatment for Post Traumatic Stress Disorder. Https://clinicaltrialsgov/show/nct00978484. 2009.
46. NCT01379027. MoodHelper: internet Cognitive Behavioral Therapy (CBT) for Depression. Https://clinicaltrialsgov/show/nct01379027. 2011.
47. NCT01482806. Online Treatments for Mood and Anxiety Disorders in Primary Care. Https://clinicaltrialsgov/show/nct01482806. 2011.
48. NCT01663844. New Clinical Applications for Internet-based Cognitive Behavior Therapy for Insomnia and Depression. Https://clinicaltrialsgov/show/nct01663844. 2012.
49. NCT02059226. Evaluating an Internet-based Program for Anxious Youth: a Pilot RCT. Https://clinicaltrialsgov/show/nct02059226. 2014.
50. NCT02156531. Cognitive Bias Modification for Youth Anxiety. Https://clinicaltrialsgov/show/nct02156531. 2014.
51. NCT02245308. Abstinence Reinforcement Therapy (ART) for Homeless Veteran Smokers. Https://clinicaltrialsgov/show/nct02245308. 2014.
52. NCT02361684. e-Compared-S: comparative Effectiveness Research on Internet-based Depression Treatment - Spanish Trial. Https://clinicaltrialsgov/show/nct02361684. 2015.
53. NCT02369393. Efficacy of Two Internet Delivered Intervention Programs for Depression: behavioral Activation vs Physical Activity. Https://clinicaltrialsgov/show/nct02369393. 2015.
54. NCT02410616. E-Compared-CH: comparative Effectiveness Research on Internet-based Depression Treatment - Swiss Trial. Https://clinicaltrialsgov/show/nct02410616. 2015.
55. NCT02513069. Mobile Contingency Management for Smoking Cessation in Returning US Veterans. Https://clinicaltrialsgov/show/nct02513069. 2015.
56. NCT02541968. Internet-based vs Face-to-face Cognitive Behavioural Therapy for Obsessive-compulsive Disorder. Https://clinicaltrialsgov/show/nct02541968. 2015.
57. NCT02542891. European Comparative Effectiveness Research on Internet-based Depression Treatment. Https://clinicaltrialsgov/show/nct02542891. 2015.
58. NCT02600754. Telehealth Depression Treatments for Older Adults. Https://clinicaltrialsgov/show/nct02600754. 2015.
59. NCT02671019. Effectiveness and Costs of Internet-based Treatment for Harmful Alcohol Use and Face-to-face Treatment in Addiction Care. Https://clinicaltrialsgov/show/nct02671019. 2016.
60. NCT02700009. Computer-assisted Cognitive-Behavior Therapy for Depression in Primary Care. Https://clinicaltrialsgov/show/nct02700009. 2016.
61. NCT02792127. Online Program for Social Anxiety. Https://clinicaltrialsgov/show/nct02792127. 2016.
62. NCT02816684. Pegasys VR: integrating Virtual Humans in the Treatment of Child Social Anxiety. Https://clinicaltrialsgov/show/nct02816684. 2016.
63. NCT02846662. Effectiveness of a Mobile Technology Intervention for the Treatment of Depression. Https://clinicaltrialsgov/show/nct02846662. 2016.
64. NCT02902159. RCT of the Effectiveness of Big White Wall Compared to Other Online Support. Https://clinicaltrialsgov/show/nct02902159. 2016.
65. NCT02970734. Evaluating an Internet-based Program for Anxious Adolescents. Https://clinicaltrialsgov/show/nct02970734. 2016.
66. NCT03026426. Effectiveness of a mHealth Intervention for the Treatment of Depression in People With Diabetes or Hypertension in Peru. Https://clinicaltrialsgov/show/nct03026426. 2017.
67. NCT03118752. Pragmatic Collaborative Care for Cardiac Inpatients With Depression or Anxiety. Https://clinicaltrialsgov/show/nct03118752. 2017.
68. NCT03188575. Effectiveness & Cost-effectiveness of Internet-delivered Interventions for Depression and Anxiety Disorders in IAPT. Https://clinicaltrialsgov/show/nct03188575. 2017.
69. NCT03197519. Evaluation of a Program for Eating Disorders That Combines Cognitive-behavioral Therapy With Online Psychological Treatment. Https://clinicaltrialsgov/show/nct03197519. 2017.
70. NCT03197974. RCT of a Web-based Intervention to Improve Quality of Life in Late Stage Bipolar Disorder (ORBIT). Https://clinicaltrialsgov/show/nct03197974. 2017.
71. NCT03263546. Internet-delivered CBT for Paediatric OCD. Https://clinicaltrialsgov/show/nct03263546. 2017.
72. NCT03264560. Comparison of Asynchronous Telepsychiatry vs. Synchronous Telepsychiatry in Skilled Nursing Facilities. Https://clinicaltrialsgov/show/nct03264560. 2017.
73. NCT03275727. A Guided Internet-delivered Individually-tailored ACT-influenced CBT Intervention to Improve Psychosocial Outcomes in Breast Cancer. Https://clinicaltrialsgov/show/nct03275727. 2017.
74. NCT03445507. Effectiveness of a Chat Bot for Smoking Cessation: a Pragmatic Trial in Primary Care. Https://clinicaltrialsgov/show/nct03445507. 2018.
75. NCT03465384. Randomized Controlled Trial of Comet Via the Internet or in Group Format. Https://clinicaltrialsgov/show/nct03465384. 2018.
76. NCT03489382. The BEACON Study: smartphone-Assisted Problem-Solving Therapy in Men Presenting to the ED With Self-Harm (Protocol A). Https://clinicaltrialsgov/show/nct03489382. 2018.
77. NCT03500536. Understanding the Efficacy of Mobile Apps as Intervention for Depression in Adults When Deployed as Part of Primary Care. Https://clinicaltrialsgov/show/nct03500536. 2018.
78. Newton AS, Wozney L, Bagnell A, Fitzpatrick E, Curtis S, Jabbour M, et al. increasing access to mental health care with breathe, an internet-based program for anxious adolescents: study protocol for a pilot randomized controlled trial. Jmir Research Protocols. 2016 Jan-Mar;5(1).
79. Nollett C, Lewis C, Kitchiner N, Roberts N, Addison K, Brookes-Howell L, et al. Pragmatic RAndomised controlled trial of a trauma-focused guided self-help Programme versus InDividual traumafocused cognitive Behavioural therapy for post-traumatic stress disorder (RAPID): Trial protocol. BMC Psychiatry. 2018;18.
80. Nordgren LB, Andersson G, Kadowaki Å, Carlbring P. Tailored internet-administered treatment of anxiety disorders for primary care patients: Study protocol for a randomised controlled trial. Trials. 2012;13:16.
81. Pot-Kolder R, Veling W, Geraets C, van der Gaag M. Effect of virtual reality exposure therapy on social participation in people with a psychotic disorder (VRETp): Study protocol for a randomized controlled trial. Trials. 2016 13 Jan;17:25.
82. Powell J, Atherton H, Williams V, Martin A, Bennett K, Bennett A, et al. Effectiveness and cost-effectiveness of a fully self-guided internet-based intervention for sub-clinical social anxiety symptoms: Protocol for a randomised controlled trial. Digital Health. 2017 Jan-Dec;3:2055207617702272.
83. Richards D, Duffy D, Blackburn B, Earley C, Enrique A, Palacios J, et al. Digital IAPT: the effectiveness & cost-effectiveness of internet-delivered interventions for depression and anxiety disorders in the Improving Access to Psychological Therapies programme: Study protocol for a randomised control trial. BMC psychiatry. 2018;18(1):59.
84. Romijn G, Riper H, Kok R, Donker T, Goorden M, van Roijen LH, et al. Cost-effectiveness of blended vs. face-to-face cognitive behavioural therapy for severe anxiety disorders: Study protocol of a randomized controlled trial. BMC Psychiatry. 2015 December 12;15 (1)(311).
85. Ruck C, Lundstrom L, Flygare O, Enander J, Bottai M, Mataix-Cols D, et al. Study protocol for a single-blind, randomised controlled, non-inferiority trial of internet-based versus face-to-face cognitive behaviour therapy for obsessive-compulsive disorder. BMJ Open. 2018 Sep 05;8(9):e022254.
86. Sander L, Paganini S, Lin J, Schlicker S, Ebert DD, Buntrock C, et al. Effectiveness and cost-effectiveness of a guided Internet- and mobile-based intervention for the indicated prevention of major depression in patients with chronic back pain-study protocol of the PROD-BP multicenter pragmatic RCT. BMC Psychiatry. 2017 21 Jan;17 (1)(36).
87. Saxon D, Ashley K, Bishop-Edwards L, Connell J, Harrison P, Ohlsen S, et al. A pragmatic randomised controlled trial assessing the non-inferiority of counselling for depression versus cognitive-behaviour therapy for patients in primary care meeting a diagnosis of moderate or severe depression (PRaCTICED): Study protocol for a randomised controlled trial. Trials. 2017;18(1):93.
88. Schulz A, Stolz T, Berger T. Internet-based individually versus group guided self-help treatment for social anxiety disorder: Protocol of a randomized controlled trial. BMC psychiatry. 2014;14:115.
89. Siemer L, Pieterse ME, Brusse-Keizer MG, Postel MG, Ben Allouch S, Sanderman R. Study protocol for a non-inferiority trial of a blended smoking cessation treatment versus face-to-face treatment (LiveSmokefree-Study). BMC public health. 2016 24 Nov;16(1):1187.
90. Simpson S, Barnes E, Griffiths E, Hood K, Cohen D, Craddock N, et al. The Bipolar Interactive Psychoeducation (BIPED) study: Trial design and protocol. BMC Psychiatry. 2009 12 Aug;9 (no pagination)(50).
91. Sjomark J, Parling T, Jonsson M, Larsson M, Skoog Svanberg A. A longitudinal, multi-centre, superiority, randomized controlled trial of internet-based cognitive behavioural therapy (iCBT) versus treatment-as-usual (TAU) for negative experiences and posttraumatic stress following childbirth: the JUNO study protocol. BMC Pregnancy and Childbirth. 2018 01 Oct;18(1):387.
92. Spencer L, Schmidt-Hantke J, Allen K, Gordon G, Potterton R, Musiat P, et al. A web-based intervention for carers of individuals with anorexia nervosa (We Can): Trial protocol of a randomised controlled trial investigating the effectiveness of different levels of support. Internet Interventions. 2018;(no pagination).
93. Strawbridge R, Fish J, Halari R, Hodsoll J, Reeder C, Macritchie K, et al. The Cognitive Remediation in Bipolar (CRiB) pilot study: Study protocol for a randomised controlled trial. Trials. 2016 29 Jul;17 (1) (no pagination)(371).
94. ter Huurne ED, Postel MG, de Haan HA, DeJong CAJ. Effectiveness of a web-based treatment program using intensive therapeutic support for female patients with bulimia nervosa, binge eating disorder and eating disorders not otherwise specified: study protocol of a randomized controlled trial. Bmc Psychiatry. 2013 Nov;13.
95. van Ballegooijen W, Riper H, van Straten A, Kramer J, Conijn B, Cuijpers P. The effects of an Internet based self-help course for reducing panic symptoms--Don't Panic Online: Study protocol for a randomised controlled trial. Trials. 2011;12:75.
96. van Deursen DS, Salemink E, Smit F, Kramer J, Wiers RW. Web-based cognitive bias modification for problem drinkers: protocol of a randomised controlled trial with a 2x2x2 factorial design. BMC public health. 2013;13:674.
97. Vara MD, Herrero R, Etchemendy E, Espinoza M, Banos RM, Garcia-Palacios A, et al. Efficacy and cost-effectiveness of a blended cognitive behavioral therapy for depression in Spanish primary health care: Study protocol for a randomised non-inferiority trial. BMC Psychiatry. 2018 03 23;18(1):74.
98. Watzke B, Heddaeus D, Steinmann M, Konig HH, Wegscheider K, Schulz H, et al. Effectiveness and cost-effectiveness of a guideline-based stepped care model for patients with depression: Study protocol of a cluster-randomized controlled trial in routine care. BMC Psychiatry. 2014 Aug 20;14:230.
99. Weisel KK, Zarski AC, Berger T, Krieger T, Schaub MP, Moser CT, et al. Efficacy and cost-effectiveness of guided and unguided internet- and mobile-based indicated transdiagnostic prevention of depression and anxiety (ICare Prevent): A three-armed randomized controlled trial in four European countries. Internet Interventions. 2018;(no pagination).
100. Williamson H, Hamlet C, White P, Marques EM, Cadogan J, Perera R, et al. Study protocol of the YP Face IT feasibility study: comparing an online psychosocial intervention versus treatment as usual for adolescents distressed by appearance-altering conditions/injuries. BMJ Open. 2016;6(10):e012423.
101. Witlox M, Kraaij V, Garnefski N, de Waal MWM, Smit F, Hoencamp E, et al. An Internet-based Acceptance and Commitment Therapy intervention for older adults with anxiety complaints: study protocol for a cluster randomized controlled trial. Trials. 2018 Sep;19.
102. Wright B, Tindall L, Littlewood E, Adamson J, Allgar V, Bennett S, et al. Computerised cognitive behaviour therapy for depression in adolescents: Study protocol for a feasibility randomised controlled trial. BMJ Open. 2014;4(10):e006488.
103. Yuan Q, Liu S, Tang S, Zhang D. Happy@Work: protocol for a web-based randomized controlled trial to improve mental well-being among an Asian working population. BMC public health. 2014;14:685.

**Supplement 2b** **Excluded studies from updated literature search (November 2018 - October 2020)**

**Primary Diagnosis (5)**

1. Doss B, Roddy M, Llabre M, Georgia Salivar E, Jensen-Doss A. Improvements in coparenting conflict and child adjustment following an online program for relationship distress. Journal of Family Psychology 2020;**34**:68-78. <http://dx.doi.org/http://dx.doi.org/10.1037/fam0000582>
2. Lobban F, Akers N, Appelbe D, Chapman L, Collinge L, Dodd S, et al. Clinical effectiveness of a web-based peer-supported self-management intervention for relatives of people with psychosis or bipolar (REACT): Online, observer-blind, randomised controlled superiority trial. BMC Psychiatry 2020;**20**:160. http://dx.doi.org/https://dx.doi.org/10.1186/s12888-020-02545-9
3. Lobban F, Akers N, Appelbe D, Iraci Capuccinello R, Chapman L, Collinge L, et al. A web-based, peer-supported self-management intervention to reduce distress in relatives of people with psychosis or bipolar disorder: The REACT RCT no. 2046-4924. Winchester, England; 2020. http://dx.doi.org/https://dx.doi.org/10.3310/hta24320
4. Martinez-Montilla J, Mercken L, de Vries H, Candel M, Lima-Rodriguez J, Lima-Serrano M. A web-based, computer-tailored intervention to reduce alcohol consumption and binge drinking among spanish adolescents: Cluster randomized controlled trial. Journal of Medical Internet Research 2020;**22**:e15438. http://dx.doi.org/https://dx.doi.org/10.2196/15438
5. van Luenen S, Kraaij V, Garnefski N, Spinhoven P, van den Akker-van Marle M. Cost-utility of a guided Internet-based intervention in comparison with attention only for people with HIV and depressive symptoms: A randomized controlled trial. Journal of Psychosomatic Research 2019;**118**:34-40. http://dx.doi.org/https://dx.doi.org/10.1016/j.jpsychores.2019.01.012

**Intervention (10)**

1. Embick E, Maeng D, Juskiewicz, Cerulli C, Crean H, Wittink M, et al. Demonstrated health care cost savings for women: Findings from a community health worker intervention designed to address depression and unmet social needs. Archives of Women's Mental Health 2020; 10.1007/s00737-020-01045-9. http://dx.doi.org/10.1007/s00737-020-01045-9
2. Haghnia Y, Samad-Soltani T, Yousefi M, Sadr H, Rezaei-Hachesu P. Telepsychiatry-based care for the treatment follow-up of Iranian war veterans with post- traumatic stress disorder: A randomized controlled trial. Iranian Journal of Medical Sciences 2019;**44**:291-8. <http://dx.doi.org/http://dx.doi.org/10.30476/ijms.2019.44944>
3. Le L, Sanci L, Chatterton M, Kauer S, Buhagiar K, Mihalopoulos C. The cost-effectiveness of an internet intervention to facilitate mental health help-seeking by young adults: Randomized controlled trial. Journal of Medical Internet Research 2019;**21**:e13065. http://dx.doi.org/https://dx.doi.org/10.2196/13065
4. Matsumoto K, Hamatani S, Nagai K, Sutoh C, Nakagawa A, Shimizu E. Long-term effectiveness and cost-effectiveness of videoconference-delivered cognitive behavioral therapy for obsessive-compulsive disorder, panic disorder, and social anxiety disorder in Japan: One-year follow-up of a single-arm trial. JMIR Mental Health 2020;**7**:e17157. http://dx.doi.org/https://dx.doi.org/10.2196/17157
5. Morriss R, Patel S, Malins S, Guo B, Higton F, James M, et al. Clinical and economic outcomes of remotely delivered cognitive behaviour therapy versus treatment as usual for repeat unscheduled care users with severe health anxiety: A multicentre randomised controlled trial. BMC Medicine 2019;**17**:16. http://dx.doi.org/https://dx.doi.org/10.1186/s12916-019-1253-5
6. Morriss R, Patel S, Malins S, Guo B, Higton F, James M, et al. Clinical and economic outcomes of remotely delivered cognitive behaviour therapy versus treatment as usual for repeat unscheduled care users with severe health anxiety: A multicentre randomised controlled trial. BMC Medicine 2019;**17**:16. <http://dx.doi.org/https://dx.doi.org/10.1186/s12916-019-1253-5>
7. Nghiem N, Leung W, Cleghorn C, Blakely T, Wilson N. Mass media promotion of a smartphone smoking cessation app: Modelled health and cost-saving impacts. BMC Public Health 2019;**19**:283. http://dx.doi.org/https://dx.doi.org/10.1186/s12889-019-6605-8
8. Popp J, Nyman J, Luo X, Bengtson J, Lust K, An L, et al. Cost-effectiveness of enhancing a Quit-and-Win smoking cessation program for college students. European Journal of Health Economics 2018;**19**:1319-33. http://dx.doi.org/https://dx.doi.org/10.1007/s10198-018-0977-z
9. Sayal K, Taylor J, Valentine A, Guo B, Sampson C, Sellman E, et al. Effectiveness and cost-effectiveness of a brief school-based group programme for parents of children at risk of ADHD: A cluster randomised controlled trial. Child 2016;**42**:521‐33. http://dx.doi.org/10.1111/cch.12349
10. Tie H, Krebs G, Lang K, Shearer J, Turner C, Mataix-Cols D, et al. Cost-effectiveness analysis of telephone cognitive-behaviour therapy for adolescents with obsessive-compulsive disorder. BJPsych Open 2019;**5**:e7. http://dx.doi.org/https://dx.doi.org/10.1192/bjo.2018.73

**Outcome (48)**

1. Adewuya A, Momodu O, Olibamoyo O, Adegbaju A, Adesoji O, Adegbokun A. The effectiveness and acceptability of mobile telephone adherence support for management of depression in the Mental Health in Primary Care (MeHPriC) project, Lagos, Nigeria: A pilot cluster randomised controlled trial. Journal of Affective Disorders 2019;**253**:118-25. http://dx.doi.org/https://dx.doi.org/10.1016/j.jad.2019.04.025
2. Alavi N, Hirji A. The efficacy of Powerpoint-based CBT delivered through email: breaking the barriers to treatment for generalized anxiety disorder. Journal of Psychiatric Practice 2020;**26**:89‐100. http://dx.doi.org/10.1097/PRA.0000000000000455
3. Ali R, Zhang Z, Soomro M. Smoking-cessation acceptance via mobile health. Human Systems Management 2019;**38**:313-27. http://dx.doi.org/10.3233/hsm-180380
4. Alvarez-Jimenez M, Bendall S, Koval P, Rice S, Cagliarini D, Valentine L, et al. HORYZONS trial: Protocol for a randomised controlled trial of a moderated online social therapy to maintain treatment effects from first-episode psychosis services. BMJ Open 2019;**9**:e024104. http://dx.doi.org/https://dx.doi.org/10.1136/bmjopen-2018-024104
5. Anastasiadou D, Folkvord F, Brugnera A, Canas Vinader L, SerranoTroncoso E, Carretero Jardi C, et al. An mHealth intervention for the treatment of patients with an eating disorder: A multicenter randomized controlled trial. International Journal of Eating Disorders 2020;**53**:1120-31. http://dx.doi.org/https://dx.doi.org/10.1002/eat.23286
6. Andersson E, Ljotsson B, Hedman-Lagerlof M, Nygren L, Persson M, Rosengren K, et al. Targeting excessive worry with internet-based extinction therapy: A randomised controlled trial with mediation analysis and economical evaluation. Psychological Medicine 2020; http://dx.doi.org/10.1017/S0033291720000781:1-11. http://dx.doi.org/http://dx.doi.org/10.1017/S0033291720000781
7. Axelsson E, Andersson E, Ljotsson B, Bjorkander D, Hedman-Lagerlof M, Hedman-Lagerlof E. Effect of internet vs face-to-face cognitive behavior therapy for health anxiety: A randomized noninferiority clinical trial. JAMA Psychiatry 2020;**77**:915-24. http://dx.doi.org/https://dx.doi.org/10.1001/jamapsychiatry.2020.0940
8. Axelsson E, Hesser H, Andersson E, Ljotsson B, Hedman-Lagerlof E. Mediators of treatment effect in minimal-contact cognitive behaviour therapy for severe health anxiety: A theory-driven analysis based on a randomised controlled trial. Journal of Anxiety Disorders 2020;**69**:9. http://dx.doi.org/10.1016/j.janxdis.2019.102172
9. Bee Hui Yap M, Cardamone-Breen M, Rapee R, Lawrence K, Mackinnon A, Mahtani S, et al. "Medium-term effects of a tailored web-based parenting intervention to reduce adolescent risk of depression and anxiety: 12-month findings from a randomized controlled trial": Figure correction. Journal of Medical Internet Research 2019;**21**.
10. Bendtsen M, Mussener U, Linderoth C, Thomas K. A mobile health intervention for mental health promotion among university students: Randomized controlled trial. JMIR MHealth and UHealth 2020;**8**:e17208. http://dx.doi.org/https://dx.doi.org/10.2196/17208
11. Bilic S, Moessner M, Wirtz G, Lang S, Weisbrod M, Bauer S. Internet-based aftercare for patients with personality disorders and trauma-related disorders: A pilot study. Psychiatry Research 2020;**285**:112771. http://dx.doi.org/https://dx.doi.org/10.1016/j.psychres.2020.112771
12. Blok A, Sadasivam R, Hogan T, Patterson A, Day N, Houston T. Nurse-driven mHealth implementation using the Technology Inpatient Program for Smokers (TIPS): Mixed methods study. JMIR MHealth and UHealth 2019;**7**:e14331. http://dx.doi.org/https://dx.doi.org/10.2196/14331
13. Castro S, UInfurna F, Lemery-Chalfant K, Waldron V, Zautra E. Can an online curriculum improve the daily socio-emotional lives of middle-aged adults exposed to childhood trauma? Behaviour Research and Therapy 2019;**118**:65‐76. http://dx.doi.org/10.1016/j.brat.2019.03.012
14. Chermack S, Bonar E, Goldstick J, Winters J, Blow F, Friday S, et al. A randomized controlled trial for aggression and substance use involvement among veterans: Impact of combining motivational interviewing, cognitive behavioral treatment and telephone-based continuing care. Journal of Substance Abuse Treatment 2019;**98**:78-88. http://dx.doi.org/http://dx.doi.org/10.1016/j.jsat.2019.01.001
15. Comtois K, Kerbrat A, DeCou C, Atkins D, Majeres J, Baker J, et al. Effect of augmenting standard care for military personnel with brief caring text messages for suicide prevention: A randomized clinical trial. JAMA Psychiatry 2019;**76**:474-83. http://dx.doi.org/https://dx.doi.org/10.1001/jamapsychiatry.2018.4530
16. Donker T, Cornelisz I, Van Klaveren C, Van Straten A, Carlbring P, Cuijpers P, et al. Effectiveness of self-guided app-based virtual reality cognitive behavior therapy for acrophobia: A randomized clinical trial. JAMA Psychiatry 2019;**76**:682-90. http://dx.doi.org/http://dx.doi.org/10.1001/jamapsychiatry.2019.0219
17. Dutra LM, Nonnemaker J, Bradfield B, Taylor N, Guillory J, Feld A, et al. Antismoking advertisements and price promotions and their association with the urge to smoke and purchases in a virtual convenience store: Randomized experiment. Journal of Medical Internet Research 2019;**21**:e14143. http://dx.doi.org/https://dx.doi.org/10.2196/14143
18. Enrique A, Palacios J, Ryan H, Richards D. Exploring the relationship between usage and outcomes of an internet-based intervention for individuals with depressive symptoms: Secondary analysis of data from a randomized control trial. Journal of Medical Internet Research 2019;**21**:13. http://dx.doi.org/10.2196/12775
19. Fulmer R, Joerin A, Gentile B, Lakerink L, Rauws M. Using psychological artificial intelligence (Tess) to relieve symptoms of depression and anxiety: Randomized controlled trial. JMIR Mental Health 2018;**5**:e64. http://dx.doi.org/https://dx.doi.org/10.2196/mental.9782
20. Gili M, Castro A, Garcia-Palacios A, Garcia-Campayo J, Mayoral-Cleries F, Botella C, et al. Efficacy of three low-intensity, internet-based psychological interventions for the treatment of depression in primary care: Randomized controlled trial. Journal of Medical Internet Research 2020;**22**:e15845. http://dx.doi.org/https://dx.doi.org/10.2196/15845
21. Goldenhersch E, Thrul J, Ungaretti J, Rosencovich N, Waitman C, Ceberio M. Virtual reality smartphone-based intervention for smoking cessation: Pilot randomized controlled trial on initial clinical efficacy and adherence. Journal of Medical Internet Research 2020;**22 (7)** http://dx.doi.org/http://dx.doi.org/10.2196/17571
22. Grafe V, Moritz S, Greiner W. Health economic evaluation of an internet intervention for depression (deprexis), a randomized controlled trial. Health Economics Review 2020;**10**:2. http://dx.doi.org/10.1186/s13561-020-00280-1
23. Grafe V, Moritz S, Greiner W. Correction to: Health economic evaluation of an internet intervention for depression (deprexis), a randomized controlled trial. Health Economics Review 2020;**10**:24. http://dx.doi.org/https://dx.doi.org/10.1186/s13561-020-00280-1
24. Grafe V, Moritz S, Greiner W. Health economic evaluation of an internet intervention for depression (deprexis), a randomized controlled trial. Health Economics Review 2020;**10**:2. http://dx.doi.org/10.1186/s13561-020-00280-1
25. Hamilton F, Hornby J, Sheringham J, Linke S, Ashton C, Moore K, et al. DIAMOND (DIgital Alcohol Management on Demand): A feasibility RCT and embedded process evaluation of a digital health intervention to reduce hazardous and harmful alcohol use recruiting in hospital emergency departments and online. Pilot and Feasibility Studies 2018;**4** 114. http://dx.doi.org/http://dx.doi.org/10.1186/s40814-018-0303-7
26. Hammond A, Antoine D, Stitzer M, Strain E. A randomized and controlled acceptability trial of an internet-based therapy among inpatients with co-occurring substance use and other psychiatric disorders. Journal of Dual Diagnosis 2020; https://dx.doi.org/10.1080/15504263.2020.1794094:1-8. http://dx.doi.org/https://dx.doi.org/10.1080/15504263.2020.1794094
27. Hussey D, Flynn K. The utility and impact of the addiction comprehensive health enhancement support system (ACHESS) on substance abuse treatment adherence among youth in an intensive outpatient program. Psychiatry Research 2019;**281**:112580. http://dx.doi.org/https://dx.doi.org/10.1016/j.psychres.2019.112580
28. Kelpin S. A randomized trial of CBT4CBT for women in residential treatment for substance use disorders. Virginia, USA: Virginia Commonwealth University 2020.
29. Kessler H, Dangellia L, Kessler R, Mahnke V, Herpertz S, Kehyayan A. Mobilum-a new mobile app to engage visuospatial processing for the reduction of intrusive visual memories. 2015 2019;**5**:49. http://dx.doi.org/https://dx.doi.org/10.21037/mhealth.2019.09.15
30. Lee D, Lee W, Choi S, Jang J, Kang D. Long-term beneficial effects of an online mind-body training program on stress and psychological outcomes in female healthcare providers: A non-randomized controlled study. Medicine 2020;**99**:e21027. http://dx.doi.org/https://dx.doi.org/10.1097/MD.0000000000021027
31. Mantzios M, Hussain H, Hussain A, Egan H, Scanlon P. Adult colouring: The effect of app-based vs. pen-and-paper colouring on mindfulness and anxiety. Health Psychology Report 2019;**7**:286-95. http://dx.doi.org/10.5114/hpr.2019.87312
32. Marler J, Fujii C, Utley D, Tesfamariam L, Galanko J, Patrick H. Initial assessment of a comprehensive digital smoking cessation program that incorporates a mobile app, breath sensor, and coaching: Cohort study. JMIR MHealth and UHealth 2019;**7**:e12609. http://dx.doi.org/https://dx.doi.org/10.2196/12609
33. McDermott R, Dozois D. A randomized controlled trial of Internet-delivered CBT and attention bias modification for early intervention of depression. Journal of Experimental Psychopathology 2019;**10**:16. http://dx.doi.org/10.1177/2043808719842502
34. Morabito D, Mathes B, Schmidt N. The impact of two brief web-based psychological interventions on functional outcomes. Cognitive Therapy and Research 2020; 10.1007/s10608-020-10144-x:9. http://dx.doi.org/10.1007/s10608-020-10144-x
35. Morthland M, Shah A, Meadows J, Scogin F. Development of an audio and computer cognitive behavioral therapy for depression in older adults. Aging & Mental Health 2020;**24**:1207-15. http://dx.doi.org/10.1080/13607863.2019.1609901
36. Nahum M, Lee H, Fisher M, Green M, Hooker C, Ventura J, et al. Online social cognition training in schizophrenia: A double-blind, randomized, controlled multi-site clinical trial. Schizophrenia Bulletin 2020; https://dx.doi.org/10.1093/schbul/sbaa085:sbaa085. http://dx.doi.org/https://dx.doi.org/10.1093/schbul/sbaa085
37. Nordgreen T, Blom K, Andersson G, Carlbring P, Havik O. Effectiveness of guided Internet-delivered treatment for major depression in routine mental healthcare - an open study. Internet Interventions 2019;**18** (no pagination). http://dx.doi.org/http://dx.doi.org/10.1016/j.invent.2019.100274
38. Oehler C, Gorges F, Rogalla M, Rummel-Kluge C, Hegerl U. Efficacy of a guided web-based self-management intervention for depression or dysthymia: Randomized controlled trial with a 12-month follow-up using an active control condition. Journal of Medical Internet Research 2020;**22**:e15361. http://dx.doi.org/https://dx.doi.org/10.2196/15361
39. Read J, Sharpe L, Burton AL, Arean PA, Raue PJ, McDonald S, et al. A randomized controlled trial of internet-delivered cognitive behaviour therapy to prevent the development of depressive disorders in older adults with multimorbidity. Journal of Affective Disorders 2020;**264**:464-73. http://dx.doi.org/10.1016/j.jad.2019.11.077
40. Sagi R, Aurobind G, Chand P, Ashfak A, Karthick C, Kubenthiran N, et al. Innovative telementoring for addiction management for remote primary care physicians: A feasibility study. Indian Journal of Psychiatry 2018;**60**:461-6. http://dx.doi.org/10.4103/psychiatry.IndianJPsychiatry\_211\_18
41. Sawyer A, Kaim A, Reece C, McDonald D, Le H, Clark J, et al. Evaluating the effectiveness of an app-based nurse-moderated program for new mothers with depression and parenting problems (eMums Plus): Protocol for a pragmatic randomized controlled trial. JMIR Research Protocols 2019;**8**:e11549. http://dx.doi.org/https://dx.doi.org/10.2196/11549
42. Seeley J, Sheeber L, Feil E, Leve C, Davis B, Sorensen E, et al. Mediation analyses of Internet-facilitated cognitive behavioral intervention for maternal depression. Cognitive Behaviour Therapy 2019;**48**:337-52. http://dx.doi.org/http://dx.doi.org/10.1080/16506073.2018.1513554
43. Stjerneklar S, Hougaard E, McLellan L, Thastum M. A randomized controlled trial examining the efficacy of an internet-based cognitive behavioral therapy program for adolescents with anxiety disorders. PLoS ONE 2019;**14**:e0222485. http://dx.doi.org/https://dx.doi.org/10.1371/journal.pone.0222485
44. Wallace P, Struzzo P, Della Vedova R, Scafuri F, Tersar C, Lygidakis C, et al. Randomised controlled non-inferiority trial of primary care-based facilitated access to an alcohol reduction website. BMJ Open 2017;**7** e014576. http://dx.doi.org/http://dx.doi.org/10.1136/bmjopen-2016-014576
45. Wilhelm S, Weingarden H, Greenberg J, McCoy T, Ladis I, Summers B, et al. Development and pilot testing of a cognitive-behavioral therapy digital service for body dysmorphic disorder. Behavior Therapy 2020;**51**:15-26. http://dx.doi.org/http://dx.doi.org/10.1016/j.beth.2019.03.007
46. Wright B, Tindall L, Hargate R, Allgar V, Trepel D, Ali S. Computerised cognitive-behavioural therapy for depression in adolescents: 12-month outcomes of a UK randomised controlled trial pilot study. BJPsych Open 2019;**6**:e5. http://dx.doi.org/https://dx.doi.org/10.1192/bjo.2019.91
47. Yap M, Cardamone-Breen M, Rapee R, Lawrence K, Mackinnon A, Mahtani S, et al. Medium-term effects of a tailored web-based parenting intervention to reduce adolescent risk of depression and anxiety: 12-month findings from a randomized controlled trial. Journal of Medical Internet Research 2019;**21**:e13628. http://dx.doi.org/https://dx.doi.org/10.2196/13628
48. Ybarra M, Rodriguez K, Madison H, Mojtabai R, Cullen B. Developing texting for relapse prevention: A scalable mHealth program for people with schizophrenia and schizoaffective disorder. Journal of Nervous & Mental Disease 2019;**207**:854-62. http://dx.doi.org/https://dx.doi.org/10.1097/NMD.0000000000001037

**Design including reviews (9)**

1. Ali NA, Khoja A. Leveraging the use of mHealth in patients with depression among low- and middle-income countries. Journal of the College of Physicians and Surgeons Pakistan 2020;**30**:458. <http://dx.doi.org/http://dx.doi.org/10.29271/jcpsp.2020.4>
2. Andersson E, Mataix-Cols D, Ruck C. Computer-aided interventions for obsessive-compulsive spectrum disorders. In: The Wiley Handbook of Obsessive Compulsive Disorders. London: Wiley Blackwell; 2017:663-80. http://dx.doi.org/http://dx.doi.org/10.1002/9781118890233.ch37
3. Andersson G, Carlbring P, Rozental A. Response and remission rates in internet-based cognitive behavior therapy: An individual patient data meta-analysis. Frontiers in Psychiatry 2019;**10**:13. http://dx.doi.org/10.3389/fpsyt.2019.00749
4. Health Quality Ontario. Internet-delivered cognitive behavioural therapy for major depression and anxiety disorders: A health technology assessment. Ontario Health Technology Assessment Series. 2019;**19**:1-199.
5. Matkin W, Ordóñez‐Mena J, Hartmann‐Boyce J. Telephone counselling for smoking cessation. Cochrane Database of Systematic Reviews 2019; 10.1002/14651858.CD002850.pub4:CD002850. http://dx.doi.org/10.1002/14651858.CD002850.pub4
6. Richards D, Enrique A, Eilert N, Franklin M, Palacios J, Duffy D, et al. A pragmatic randomized waitlist-controlled effectiveness and cost-effectiveness trial of digital interventions for depression and anxiety [amendment]. Npj Digital Medicine 2020;**3**:1. http://dx.doi.org/10.1038/s41746-020-0298-3
7. Slomski A. Online Mindfulness Therapy Improves Residual Depression. JAMA - Journal of the American Medical Association 2020;**323**:1124. <http://dx.doi.org/http://dx.doi.org/10.1001/jama.2020.2446>
8. Young C, Sinclair A, Black C, Herington E, Herington E, Smith M, et al. Internet-delivered cognitive behavioural therapy for post-traumatic stress disorder: A health technology assessment. Canadian Agency for Drugs and Technologies in Health CADTH Optimal Use Reports 2019;**12**:12.
9. Yu Y, Li Y, Li T, Xi S, Xiao X, Xiao S, et al. New path to recovery and well-being: cross-sectional study on wechat use and endorsement of WeChat-based mHealth among people living with schizophrenia in China. Journal of Medical Internet Research 2020;**22**:e18663. http://dx.doi.org/https://dx.doi.org/10.2196/18663

**Abstracts (12)**

1. Barzey V, Cope N, Hearmon N, Kusel J. A conceptual economic model for digital interventions in serious mental illness. Value in Health 2018;**21** S280. http://dx.doi.org/http://dx.doi.org/10.1016/j.jval.2018.09.1670
2. Berkhof M, Van Der Stouwe E, Lestestuiver B, Van 't Hag E, Vos Maarten D, Van Der Gaag M, et al. Virtual reality cognitive behavioral therapy for paranoid delusions. Schizophrenia Bulletin 2020:S148.
3. Choi J, Fiszdon J, Stevens M, Haber L, Pearlson G. Pupillometer-based neurofeedback cognitive training: Optimizing task engagement to enhance learning in prodrome, first episode, and established psychosis. Schizophrenia Bulletin 2019;**45**:S104-S5. http://dx.doi.org/http://dx.doi.org/10.1093/schbul/sbz022.040
4. Helton S, Pawlak A, Todaro S, Morgano J, Buckman J, Bates M. Factors that predict client use of a technology-based paced breathing adjunct to substance use treatment as usual. Alcoholism: Clinical and Experimental Research 2019;**43** 80A. http://dx.doi.org/http://dx.doi.org/10.1111/acer.14059
5. Iyapparaja P, Kumar P, Nandabalan I. Efficacy of short message service (SMS) in smoking cessation program among police personnel in Chennai city - an interventional study. Tobacco Induced Diseases 2018;**16** 123. http://dx.doi.org/http://dx.doi.org/10.18332/tid/84031
6. Ludvigsson M, Nordgren L, Andersson G. Tailored internet-delivered psychotherapy for older adults with depression: A randomized controlled trial. International Psychogeriatrics 2019;**31**:50. http://dx.doi.org/10.1017/S1041610219001339
7. Pereira S, Romcy M, Brun B, Dibai J, Tanaka G, Tanaka F, et al. The changes of depression costs after an Internet-Delivered Cognitive Behaviour Therapies (IDCBT) preliminary data from RWD economic model. Value in Health 2020;**23**:S202. http://dx.doi.org/http://dx.doi.org/10.1016/j.jval.2020.04.636
8. Sasaki N, Imamura K, Kawakami N. Web-based Acceptance and Commitment Therapy program to improve psychological well-being for working mothers with pre-school child: A protocol for randomized controlled trial. Psychotherapy and Psychosomatics 2019;**88**:112. http://dx.doi.org/http://dx.doi.org/10.1159/000502467
9. Schooler N, Robinson D, Marcy P, Homan P, Achtyes E, Kane J. Technology assisted relapse prevention program reduces hospitalization in schizophrenia patients at high risk for relapse. Schizophrenia Bulletin 2020;**46 (Suppl 1)**:S23-S4.
10. Voas R, Scherer M, Taylor E, Kelley-Baker T, Romano E. Electronic educational interventions as a potential tool for promoting behavioral changes in drivers on alcohol ignition interlocks. Alcoholism: Clinical and Experimental Research 2019;**43** 125A. http://dx.doi.org/http://dx.doi.org/10.1111/acer.14059
11. Wang W, Lowe N, Jalali A, Just P, Velez F, Murphy S. Estimated cost-effectiveness of a 12-week treatment course of the first FDA-cleared prescription digital therapeutic for patients with opioid use disorder. Value in Health 2020;**23**:S201-S.
12. Zhang K, Huang S, Touchette D, Marko-Holguin M, Van Voorhees B. Cost-effectiveness of web-based depression programs for adolescents. Value in Health 2019;**22**:S227-S. http://dx.doi.org/10.1016/j.jval.2019.04.1055

**Protocols (33)**

1. Agyapong V, Hrabok M, Vuong W, Gusnowski A, Shalaby R, Mrklas K, et al. Closing the psychological treatment gap during the COVID-19 pandemic with a supportive text messaging program: Protocol for implementation and evaluation. JMIR Research Protocols 2020;**9**:e19292.
2. Antle B, Owen J, Eells T, et al. Dissemination of computer-assisted cognitive behavior therapy for depression in primary care. Contemporary Clinical Trials 2019;**78**:46-52.
3. Baldofski S, Kohls E, Bauer S, Becker K, Bilic S, Eschenbeck H, et al. Efficacy and cost-effectiveness of two online interventions for children and adolescents at risk for depression (E.motion trial): Study protocol for a randomized controlled trial within the ProHEAD consortium. Trials 2019;**20**:53. http://dx.doi.org/https://dx.doi.org/10.1186/s13063-018-3156-8
4. Band R, Ewings S, Cheetham-Blake T, Ellis J, Breheny K, Vassilev I, et al. Study protocol for 'The Project About Loneliness and Social networks (PALS)': A pragmatic, randomised trial comparing a facilitated social network intervention (Genie) with a wait-list control for lonely and socially isolated people. BMJ Open 2019;**9**:e028718.
5. Braun L, Titzler I, Ebert D, Buntrock C, Terhorst Y, Freund J, et al. Clinical and cost-effectiveness of guided internet-based interventions in the indicated PRevention Of Depression in green professions (PROD-A): Study protocol of a 36-month follow-up pragmatic randomized controlled trial. BMC Psychiatry 2019;**19**:278.
6. Chu K, Escobar-Viera C, Matheny S, Davis E, Primack B. Tobacco cessation mobile app intervention (Just Kwit! study): Protocol for a pilot randomized controlled pragmatic trial. Trials 2019;**20**:147. http://dx.doi.org/https://dx.doi.org/10.1186/s13063-019-3246-2
7. DRKS00003564. Health Economic Evaluation of costs and benefits of a computer based program called "Deprexis" used for insured persons of the DAK (statutory health insurance) suffering from depression. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=DRKS00003564; 2012.
8. DRKS00004811. Evaluation of an online-based transfer intervention after inpatient therapy for depression. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=DRKS00004811; 2013.
9. DRKS00005075. Evaluation and implementation of a computer-aided cognitive-behavioural oriented self-help program (MoodGym) for general practitioner patients with mild to moderate depressive symptoms – a cluster-randomized study. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=DRKS00005075; 2013.
10. DRKS00005699. Universal preventive internet-training for problem-focused coping of job-related stress: randomised controlled trial. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=DRKS00005699; 2014.
11. DRKS00005990. Online-Based Stress-Management Taining - also effective under unfavourable working conditions? Randomized Controlled Trial. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=DRKS00005990; 2014.
12. Ehlers A, Wild J, Warnock-Parkes E, Grey N, Murray H, Kerr A, et al. A randomised controlled trial of therapist-assisted online psychological therapies for posttraumatic stress disorder (STOP-PTSD): Trial protocol. Trials 2020;**21**:355. http://dx.doi.org/https://dx.doi.org/10.1186/s13063-020-4176-8
13. EUCTR2007-007645-12-GB. The Randomised Evaluation of the Effectiveness and Acceptability of Computerised Therapy (REEACT) Trial - REEACT. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=EUCTR2007-007645-12-GB; 2008.
14. Golchert J, Roehr S, Berg F, Grochtdreis T, Hoffmann R, Jung F, et al. HELP@APP: Development and evaluation of a self-help app for traumatized Syrian refugees in Germany - a study protocol of a randomized controlled trial. BMC Psychiatry 2019;**19**:131.
15. Gu J, Miller C, Henry A, Espie C, Davis M, Stott R, et al. Efficacy of digital cognitive behavioural therapy for symptoms of generalised anxiety disorder: A study protocol for a randomised controlled trial. Trials 2020;**21**. http://dx.doi.org/10.1186/s13063-020-4230-6
16. Hides L, Baker A, Norberg M, Copeland J, Quinn C, Walter Z, et al. A web-based program for cannabis use and psychotic experiences in young people (keep it real): Protocol for a randomized controlled trial. JMIR Research Protocols 2020;**9**:e15803. http://dx.doi.org/https://dx.doi.org/10.2196/15803
17. Humphrey G, Chu J, Dowling N, Rodda S, Merkouris S, Parag V, et al. Manaaki - a cognitive behavioral therapy mobile health app to support people experiencing gambling problems: A randomized control trial protocol. BMC Public Health 2020;**20**:191.
18. ISRCTN11399850. We Can: A web-based skills package for carers of people with anorexia nervosa. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN11399850; 2017.
19. ISRCTN11498135. Evaluating the effectiveness and cost-effectiveness of tobacco cessation services in Swedish primary healthcare targeting socioeconomically disadvantaged areas in Stockholm - the "Motivation 2 Quit" (M2Q) study. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN11498135; 2016.
20. ISRCTN12388725. E-COMPARED - internet-supported CBT for depression. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN12388725; 2015.
21. ISRCTN12552584. Comparing the effectiveness of two types of internet-delivered therapy for adolescent depression: the ERiCA study. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN12552584; 2019.
22. ISRCTN16806208. A randomised controlled trial of therapist-assisted online psychological therapies for post-traumatic stress disorder. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=ISRCTN16806208; 2018.
23. Jackson S, Perski O, Crane D, Michie S, West R, Brown J. Effectiveness of an offer of the Smoke Free smartphone application for smoking cessation: Protocol for a randomized controlled trial. Addiction 2019;**114**:2078-86. http://dx.doi.org/https://dx.doi.org/10.1111/add.14652
24. JPRN-UMIN000009242. A randomized controlled trial of internet-assisted cognitive behavioral therapy for depression. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=JPRN-UMIN000009242; 2012.
25. Kahlke F, Berger T, Schulz A, Baumeister H, Berking M, Cuijpers P, et al. Efficacy and cost-effectiveness of an unguided, internet-based self-help intervention for social anxiety disorder in university students: Protocol of a randomized controlled trial. BMC Psychiatry 2019;**19**:197. http://dx.doi.org/https://dx.doi.org/10.1186/s12888-019-2125-4
26. Kvillemo P, Strandberg A, Gripenberg J, Berman A, Skoglund C, Elgan T. Effects of an automated digital brief prevention intervention targeting adolescents and young adults with risky alcohol and other substance use: study protocol for a randomised controlled trial. BMJ Open 2020;**10**:e034894. http://dx.doi.org/https://dx.doi.org/10.1136/bmjopen-2019-034894
27. NCT00282009. Internet and Telephone Counseling for Smoking Cessation. In: https://clinicaltrials.gov/show/NCT00282009; 2006.
28. NCT00301145. Varenicline tartrate with telephone-based counseling and/or internet-based counseling in helping adults stop smoking. In: https://clinicaltrials.gov/show/NCT00301145; 2006.
29. NL7758. Virtual Reality cognitive behavioral therapy for paranoid delusions - a randomized effect study. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=NL7758; 2019.
30. NL7915. The Zen garden app: Evaluation of a mobile app supporting the COMET therapy for self-esteem problems. In: http://www.who.int/trialsearch/Trial2.aspx?TrialID=NL7915; 2019.
31. Proctor J, Naughton F, Sloan M, Hopewell S, Brimicombe J, Prevost A, et al. Assessment of the effectiveness and cost-effectiveness of tailored web- and text-based smoking cessation support in primary care (iQuit in practice ii): Protocol for a randomized controlled trial. JMIR Research Protocols 2020;**9**:e17160. http://dx.doi.org/https://dx.doi.org/10.2196/17160
32. Rohrbach P, Dingemans A, Spinhoven P, Van den Akker-Van Marle E, Van Ginkel J, Fokkema M, et al. A randomized controlled trial of an Internet-based intervention for eating disorders and the added value of expert-patient support: Study protocol. Trials 2019;**20**:509.
33. Stevens G, Hammond T, Brownhill S, Anand M, De La Riva A, Hawkins J, et al. SMS SOS: A randomized controlled trial to reduce self-harm and suicide attempts using SMS text messaging. BMC Psychiatry 2019;**19** 117. http://dx.doi.org/http://dx.doi.org/10.1186/s12888-019-2104-9