Evidence Table E30. Sponsors and AEs for included studies

| **Author, year** | **Key Question (KQ)** | **Study Sponsor Details** | **Adverse Events** |
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| Henderson VP, 20111 | KQ1 | The BRIDGES Study was funded by grant DAMD17-94-J-4475 from the US Army Medical Research and Materiel Command. Dr. Massion was supported by a Career Development Award, grant # DAMD17-94-J-4261 from the U.S. Army Medical Research and Materiel Command. Dr. He´bert was supported by the Established Investigator Award in Cancer Prevention and Control K05 CA136975 from the Cancer Training Branch of the National Cancer Institute. | Not addressed |
| Wong SY-S, 20112 | KQ1, K Q4 | Funded by The Health and Health Services Research Fund was established and granted by the Food and Health Bureau, Hong Kong SAR Government, Hong Kong. | Not addressed |
| Brewer, 20113 | KQ3 | This study was funded by the following grants: NIDA K12-DA00167, P50-DA09241, K05-DA00457, K05-DA00089, UL 1 DE019586-02, and the U.S. Veterans Affairs New England Mental Illness Research, Education, and Clinical Center (MIRECC). The NIDA and VA had no further role in study design; in the collection, analysis and interpretation of data; in the writing of the report; or in thedecision to submit the paper for publication. | No serious adverse events were reported in either treatment group (p. 75, results section). |
| Gaylord SA, 20114 | KQ1, KQ4 | This study was supported by Grant # R21 AT003619 from the National Institutes of Health, National Center for Complementary, and Alternative Medicine Grant. | “The diaries were analyzed for adverse events and differences in abdominal pain between the treatment groups (MG vs. SG) during the treatment period.” (p. 1682, data analysis).  However, data on adverse events was not addressed in the Results or Discussion section. |
| Philippot P, 20115 | KQ1 | This research was supported by a grant from the Fonds National de la Recherche Scientifique de Belgique (grant no. 8.4505.00). Data collection was supported by the UCL Psychology Department Consulting Center. | Not addressed |
| Gross CR, 20116 | KQ1, KQ3 | Supported by a faculty development grant from the Academic Health Center, University of Minnesota to Drs. Gross & Kreitzer and by also the National Institutes of Health, National Center for Research Resources (grant M01 RR00400, Dr. Seaquist, PI). | “There were no unexpected, serious adverse events related to the interventions in this trial. One PCT patient was switched from eszopiclone to controlled-release zolpidem during the first month of treatment because of persistent complaints of an extremely unpleasant after-taste. Other side effects reported in the PCT arm included excessive sleepiness, headache, and dizziness. No adverse events related to MBSR were reported.” (p. 83) |
| Schmidt S, 20107 | KQ1, KQ3, KQ4 | This study was supported by the Samueli Institute, Alexandria, VA, and by the Manfred Köhnlechner Stiftung, Munich, Germany. | Not addressed |
| Segal ZV, 20108 | KQ1 | This study was funded by grant R01 066992 (Dr Segal) from the National Institute of Mental Health. | Not addressed |
| Oken BS, 20109 | KQ1, KQ2, KQ3 | This project was supported in part by NIH (U19 AT002656, P30 AG008017, K24 AT005121, and UL1 RR024140) and the Oregon Partnership for Alzheimer’s Research Oregon Tax Check-Off Grant. | Not addressed |
| Gross CR, 201010 | KQ1, KQ3, KQ4 | Funding sources: National Institutes of Health, National Institute of Nursing Research grant R01 NR008585, and National Center for Research Resources grant M01 RR00400. | “Because benefits were obtained with no evidence of adverse events, these findings suggest that clinicians should consider recommending MBSR to transplant recipients who…” (p. 36) |
| Garland EL, 201011 | KQ1, KQ3 | One author was supported by Grant Number T32AT003378 from the National Center for Complementary and Alternative Medicine, a Francisco Varela Research Grant from the Mind & Life Institute, Boulder, CO, and an Armfield-Reeves Innovation Grant from the UNC School of Social Work, Chapel Hill, NC. Another author was supported by Award Number KL2RR025746 from the National Center for Research Resources. | Not addressed |
| Delgado LC, 201012 | KQ1 | We thank the Junta de Andalucía and the Spanish Ministry of Science and Education for their support to the present research (HUM-388, SEJ2004-07956, and PSI2008-04372). | Not addressed |
| Morone NE, 200913 | KQ4 | During the time of this work Dr. Morone was funded by the NIH Roadmap Multidisciplinary Clinical Research Career Development Award Grant (1KL2RR024154-04) from the National Institutes of Health (NIH). This publication was also made possible by Grant Number UL1RR024153 from the National Center for Research Resources (NCRR), a component of the NIH and NIH Roadmap for Medical Research. | “There were no adverse events reported.” (p. 1401) |
| Brewer, 200914 | KQ3 | This study was funded by the following grants: NIDA K12-DA00167 (J.A.B.), P50-DA09241 (B.J.R.), R37-DA15969 (K.M.C.), T32-DA007238 (J.A.B.), K05-DA00457 (K.M.C.), K05-DA00089 (B.J.R.), P50-DA16556 (R.S.), K02-DA17232 (R.S.), R01 DA020908 (M.N.P.), RL1 AA017539 (M.N.P.), the U.S. Veterans Affairs New England Mental Illness Research, Education, and Clinical Center (MIRECC) (B.J.R.), and a Varela grant from the Mind and Life Institute (J.A.B.). | “No side effects or adverse events were noted.” (p. 310, Results – Substance Use Outcomes) |
| Mularski RA, 200915 | KQ1 | This study was supported by the VET-HEAL program, cooperation between the Veterans Health Administration and the Samueli Institute of Information Biology. Dr. Karl Lorenz was supported by a VA HSR&D Career Development Award. | Not addressed |
| Kuyken W, 200816 | KQ1 | This trial was registered (ISRCTN12720810) and was funded by the UK Medical Research Council (TP 72167). | “No adverse events were recorded through the oversight of the Trial Steering Committee.” (p. 971) |
| Koszycki D, 200717 | KQ1 | This study was funded in part by a grant from the University (Ottawa) Medical Research Fund. | Not addressed |
| Lee SH, 200618 | KQ1 | No funding sources listed. | Not addressed |
| Moritz S, 200619 | KQ1, KQ4 | This study was funded by Alberta Health and Wellness, the Alberta Medical Association and the George Family Foundation. Hude Quan, PhD, is supported by an Alberta Heritage Foundation for Medical Research Population Health Investigator Award and a Canadian Institute of Health Research New Investigator Award. None of the study funders had any involvement in design and conduct of the study; collection, management, analysis, and interpretation of the data; and preparation, review, or approval of the manuscript. | Not addressed |
| Elder, 200620 | KQ4 | This research was supported by a grant (R21 AT01324) from the National Center for Complementary and Alternative Medicine, National Institutes of Health. | “No significant study-related adverse events were reported. Table 5 describes the results of serologic monitors [hematocrit, WBC, platelets, creatinine, BUN, AST]. The results suggest no significant hepatic, renal, or hematologic toxicities related to any component of the Vedic protocol.” (p. 30) |
| Bormann JE, 200621 | KQ1 | This study was conducted with core support from the National Center of Complementary and Alternative Medicine, National Institutes of Health (NCCAM/NIH) grant # R21AT01159-01A1 and with indirect support from the Office of Research and Development, Health Services Research and Development Service, Department of Veterans Affairs and the Health Services Research Unit of the VA San Diego Healthcare System; San Diego Veterans Medical Research Foundation; University of California San Diego (UCSD) General Clinical Research Center (#1637), National Institutes of Health/National Center for Research Resources (M01RR008); UCSD Center for AIDS Research (CFAR 5P30 AI 36214) and the UCSD Antiretroviral Research Center (AVRC); San Diego State University School of Nursing’s Institute of Nursing Research (#900521); and Sigma Theta Tau International Honor Society-Gamma Gamma Chapter. | Not addressed |
| Paul-Labrador M, 200622 | KQ1 | This study was supported by grants R01 AT00226, 1-P50-AA0082-02, 1-R15-HL660242-01, and R01-HL51519-08 from the National Center for Alternative and Complementary Medicine, National Institutes of Health; and General Clinical Research Centers grant MO1-RR00425 from the National Center for Research Resources. | “No adverse events were reported [in TE or HE groups].” (p. 1220) |
| Plews-Ogan M, 200523 | KQ1, KQ4 | This study was supported in part by Grant 1D12HP00040-03: Academic Administrative Units in Primary Care, Department of Health and Human Services and in part by the John W. Kluge Foundation. | Not addressed |
| Hebert JR, 200124 | KQ3, KQ4 | This work was supported by grand DAMD17-94-J-4475 from the US Army Medical Research and Materiel Command. | Not addressed |
| Castillo-Richmond, 200025 | KQ3, KQ4 | This study was supported by National Heart, Lung, and Blood Institute grants HL-51519 to Drs Schneider, Alexander, and Myers and HL-51519-S2 to Dr Castillo-Richmond. | Not addressed |
| Murphy, 198626 | KQ3 | This research was supported by a grant from the Alcoholism and Drug Abuse Institute, University of Washington. | Not addressed |
| Smith JC, 197627 | KQ1 | The author gratefully acknowledges the assistance and cooperation of Maharishi International University and the Kast Lansing, Michigan, chapter of the Students’ International Meditation Society. (The present article is based on the author’s dissertation submitted to Michigan State University in partial fulfillment of the requirements for the PhD degree.) | Not addressed |
| Piet J, 201028 | KQ1 | Funding support not mentioned. | Not addressed |
| Taub E, 199429 | KQ3 | This work was supported in part by Public Health Service Grant AA 01279. | Not addressed |
| Lehrer PM, 198330 | KQ1 | This research was supported in part by a General Research Support Grant from Rutgers Medical School. | Not addressed |
| Jayadevappa R, 200731 | KQ, KQ4 | This study was sponsored by the National Institutes of Health–National Center for Complementary and Alternative Medicine (P50-AT00082-05 developmental research grant). | Not addressed |
| Miller, 201232 | 4 | National Institute of Diabetes and Digestive and Kidney Diseases | Not evaluated |
| Malarkey, 201233 | 1, 3 | National Center For Complementary & Alternative Medicine, National Center for Research Resources, which is now at the National Center for Advancing Translational Sciences | Not evaluated |
| Whitebird, 201234 | 1 | National Center for Complementary and Alternative Medicine | Not evaluated |
| Chiesa 2012,35 | 1 | Not reported | Not evaluated |
| Barrett, 201236 | 1, 3 | National Institutes of Health (NIH), National Center for Complementary and Alternative Medicine, and a grant from the Clinical and Translational Science Award (CTSA) Program of the National Center for Research Resources, National Institutes of Health. | Not evaluated |
| Jazaieri, 201237 | 1 | NIMH and NCCAM | Not evaluated |
| Wolever, 201238 | 1, 3, 4 | Aetna, Inc. and eMindful, Inc. | Not evaluated |
| Seyedalinagh, 201239 | 1 | Tehran University of Medical Sciences and two research training fellowships | Not evaluated |
| Pbert, 201240 | 1 | National Center for Complementary and Alternative Medicine | Not evaluated |
| Schneider, 201241 | 1, 3, 4 | National Institutes of Health-National Heart, Lung and Blood Institute. | Not evaluated |

References for Evidence Table E30

1. Henderson VP, Clemow L, Massion AO, Hurley TG, Druker S, Hebert JR. The effects of mindfulness-based stress reduction on psychosocial outcomes and quality of life in early-stage breast cancer patients: a randomized trial. Breast Cancer Res Treat 2011.

2. Wong SY, Chan FW, Wong RL et al. Comparing the Effectiveness of Mindfulness-based Stress Reduction and Multidisciplinary Intervention Programs for Chronic Pain: A Randomized Comparative Trial. Clin J Pain 2011; 27(8):724-34.

3. Brewer JA, Mallik S, Babuscio TA et al. Mindfulness training for smoking cessation: Results from a randomized controlled trial. Drug Alcohol Depend 2011.

4. Gaylord SA, Palsson OS, Garland EL et al. Mindfulness training reduces the severity of irritable bowel syndrome in women: results of a randomized controlled trial. Am J Gastroenterol 2011; 106(9):1678-88.

5. Philippot P, Nef F, Clauw L, Romree M, Segal Z. A Randomized Controlled Trial of Mindfulness-Based Cognitive Therapy for Treating Tinnitus. Clin Psychol Psychother 2011.

6. Gross CR, Kreitzer MJ, Reilly-Spong M et al. Mindfulness-based stress reduction versus pharmacotherapy for chronic primary insomnia: a randomized controlled clinical trial. Explore (NY) 2011; 7(2):76-87.

7. Schmidt S, Grossman P, Schwarzer B, Jena S, Naumann J, Walach H. Treating fibromyalgia with mindfulness-based stress reduction: results from a 3-armed randomized controlled trial. Pain 2011; 152(2):361-9.

8. Segal ZV, Bieling P, Young T et al. Antidepressant monotherapy vs sequential pharmacotherapy and mindfulness-based cognitive therapy, or placebo, for relapse prophylaxis in recurrent depression. Arch Gen Psychiatry 2010; 67(12):1256-64.

9. Oken BS, Fonareva I, Haas M et al. Pilot controlled trial of mindfulness meditation and education for dementia caregivers. J Altern Complement Med 2010; 16(10):1031-8.

10. Gross CR, Kreitzer MJ, Thomas W et al. Mindfulness-based stress reduction for solid organ transplant recipients: a randomized controlled trial. Altern Ther Health Med 2010; 16(5):30-8.

11. Garland EL, Gaylord SA, Boettiger CA, Howard MO. Mindfulness training modifies cognitive, affective, and physiological mechanisms implicated in alcohol dependence: results of a randomized controlled pilot trial. J Psychoactive Drugs 2010; 42(2):177-92.

12. Delgado LC, Guerra P, Perakakis P, Vera MN, Reyes del Paso G, Vila J. Treating chronic worry: Psychological and physiological effects of a training programme based on mindfulness. Behav Res Ther 2010; 48(9):873-82.

13. Morone NE, Rollman BL, Moore CG, Li Q, Weiner DK. A mind-body program for older adults with chronic low back pain: results of a pilot study. Pain Med 2009; 10(8):1395-407.

14. Brewer JA, Sinha R, Chen JA et al. Mindfulness training and stress reactivity in substance abuse: results from a randomized, controlled stage I pilot study. Subst Abus 2009; 30(4):306-17.

15. Mularski RA, Munjas BA, Lorenz KA et al. Randomized controlled trial of mindfulness-based therapy for dyspnea in chronic obstructive lung disease. J Altern Complement Med 2009; 15(10):1083-90.

16. Kuyken W, Byford S, Taylor RS et al. Mindfulness-based cognitive therapy to prevent relapse in recurrent depression. J Consult Clin Psychol 2008; 76(6):966-78.

17. Koszycki D, Benger M, Shlik J, Bradwejn J. Randomized trial of a meditation-based stress reduction program and cognitive behavior therapy in generalized social anxiety disorder. Behav Res Ther 2007; 45(10):2518-26.

18. Lee SH, Ahn SC, Lee YJ, Choi TK, Yook KH, Suh SY. Effectiveness of a meditation-based stress management program as an adjunct to pharmacotherapy in patients with anxiety disorder. J Psychosom Res 2007; 62(2):189-95.

19. Moritz S, Quan H, Rickhi B et al. A home study-based spirituality education program decreases emotional distress and increases quality of life—a randomized, controlled trial. Altern Ther Health Med 2006; 12(6):26-35.

20. Elder C, Aickin M, Bauer V, Cairns J, Vuckovic N. Randomized trial of a whole-system ayurvedic protocol for type 2 diabetes. Altern Ther Health Med 2006; 12(5):24-30.

21. Bormann JE, Gifford AL, Shively M et al. Effects of spiritual mantram repetition on HIV outcomes: a randomized controlled trial. J Behav Med 2006; 29(4):359-76.

22. Paul-Labrador M, Polk D, Dwyer JH et al. Effects of a randomized controlled trial of transcendental meditation on components of the metabolic syndrome in subjects with coronary heart disease. Arch Intern Med 2006; 166(11):1218-24.

23. Plews-Ogan M, Owens JE, Goodman M, Wolfe P, Schorling J. A pilot study evaluating mindfulness-based stress reduction and massage for the management of chronic pain. J Gen Intern Med 2005; 20(12):1136-8.

24. Hebert JR, Ebbeling CB, Olendzki BC et al. Change in women’s diet and body mass following intensive intervention for early-stage breast cancer. J Am Diet Assoc 2001; 101(4):421-31.

25. Castillo-Richmond A, Schneider RH, Alexander CN et al. Effects of stress reduction on carotid atherosclerosis in hypertensive African Americans. Stroke 2000; 31(3):568-73.

26. Murphy TJ, Pagano RR, Marlatt GA. Lifestyle modification with heavy alcohol drinkers: effects of aerobic exercise and meditation. Addict Behav 1986; 11(2):175-86.

27. Smith JC. Psychotherapeutic effects of transcendental meditation with controls for expectation of relief and daily sitting. J Consult Clin Psychol 1976; 44(4):630-7.

28. Piet J, Hougaard E, Hecksher MS, Rosenberg NK. A randomized pilot study of mindfulness-based cognitive therapy and group cognitive-behavioral therapy for young adults with social phobia. Scand J Psychol 2010; 51(5):403-10.

29. Taub E, Steiner SS, Weingarten E, Walton KG. Effectiveness of broad spectrum approaches to relapse prevention in severe alcoholism: A long-term, randomized, controlled trial of Transcendental Meditation, EMG biofeedback and electronic neurotherapy. Alcoholism Treatment Quarterly 1994; 11(1-2):187-220.

30. Lehrer PM. Progressive relaxation and meditation: A study of psychophysiological and therapeutic differences between two techniques. Behav Res Ther 1983; 21(6):651-62.

31. Jayadevappa R, Johnson JC, Bloom BS et al. Effectiveness of transcendental meditation on functional capacity and quality of life of African Americans with congestive heart failure: a randomized control study Ethn Dis. 2007 Summer;17(3):595. Ethnicity & Disease 2007; 17(1):72-7.

32. Miller CK, Kristeller JL, Headings A, Nagaraja H, Miser WF. Comparative Effectiveness of a Mindful Eating Intervention to a Diabetes Self-Management Intervention among Adults with Type 2 Diabetes: A Pilot Study. J Acad Nutr Diet 2012; 112(11):1835-42.

33. Malarkey WB, Jarjoura D, Klatt M. Workplace based mindfulness practice and inflammation: A randomized trial. Brain Behav Immun 2012.

34. Whitebird RR, Kreitzer M, Crain AL, Lewis BA, Hanson LR, Enstad CJ. Mindfulness-Based Stress Reduction for Family Caregivers: A Randomized Controlled Trial. Gerontologist 2012.

35. Chiesa A, Mandelli L, Serretti A. Mindfulness-based cognitive therapy versus psycho-education for patients with major depression who did not achieve remission following antidepressant treatment: a preliminary analysis. J Altern Complement Med 2012; 18(8):756-60.

36. Barrett B, Hayney MS, Muller D et al. Meditation or exercise for preventing acute respiratory infection: a randomized controlled trial. Ann Fam Med 2012; 10(4):337-46.

37. Jazaieri H, Goldin PR, Werner K, Ziv M, Gross JJ. A Randomized Trial of MBSR Versus Aerobic Exercise for Social Anxiety Disorder. J Clin Psychol 2012.

38. Wolever RQ, Bobinet KJ, McCabe K et al. Effective and viable mind-body stress reduction in the workplace: a randomized controlled trial. J Occup Health Psychol 2012; 17(2):246-58.

39. SeyedAlinaghi S, Jam S, Foroughi M et al. Randomized controlled trial of mindfulness-based stress reduction delivered to human immunodeficiency virus-positive patients in Iran: effects on CD4[sup]+[/sup] T lymphocyte count and medical and psychological symptoms. Psychosom Med 2012; 74(6):620-7.

40. Pbert L, Madison JM, Druker S et al. Effect of mindfulness training on asthma quality of life and lung function: A randomised controlled trial. 2012; 67(9):769-76.

41. Schneider RH, Grim CE, Rainforth MV et al. Stress Reduction in the Secondary Prevention of Cardiovascular Disease: Randomized, Controlled Trial of Transcendental Meditation and Health Education in Blacks. (1941-7705 (Electronic). 1941-7713 (Linking)).