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The Effects of a Brief, Daily Mindfulness Meditation Intervention on Cardiometabolic Risk Factors in People with High-Stress, Sedentary Jobs

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Abstract:

Introduction: Cardiometabolic disease a growing national and global concern.Mindfulness BasedStressReduction(MBSR) is a non-pharmaceutical stressduction programshown to reduceshiowin stassebarett/ABSR

articipants(n = 12; mean

age=49.36 ± 9.68)

from the Saratog Springs, NY community listened to a 15-minuteguided meditation CD every day for 7 weeks.Pre and posttesting measurements on sisted of heartrate, SBP, DBP, body fat (%), perceived stress fasting blood glucose (FBG), and area under the curve (AUC). Results: DBP showed a significant increase from baseline to posttesting (p = 0.01). No other variables changed significantly. Post Hoc analysis showed that SBP decreased in participants who attended 5 meeting scompared to participants who attended 5 meetings (p = 0.052). Conclusion: 7 weeks of a daily 15 - minute mindful ness meditation intervention did not induce clinical changes in perceived stress and physiologic markers of cardiometation attended for the stress of the str

againstcardiometabolicdiseaseFuturestudiesshould examinethesamevariableswith a lessradically deviatedmindfulnessmeditationdosageA majoremphasisshouldbeplacedon daily compliance.