## Gabriel Zieff

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 stasselavedIMBSR

articipants(n = 12; mean

 $age=49.36 \pm 9.68$ )

from the Saratog&prings, 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 are aunder 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 meetings (p = 0.052).

Conclusion: 7 weeks of a daily 15 - minute mindfulness meditation intervention did not induce clinical changes in perceived stress and physiologic markers of cardiometals a 78 to 2219 and i Verto (ef) Tj v(d) -7

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examinethe samevariables with a less radically deviated mindfulness meditation do sage A major emphasis should be placed on daily compliance.