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#### Overview

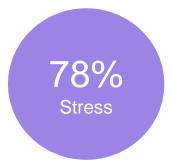
- The new workplace reality
- eMindful at a glance
- What mindfulness is
- Research findings
- Case study: Aetna

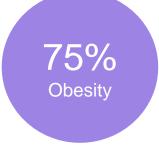






#### Employers' Top Workforce Risks and Costs











What are these costing you?

Chronic Disease in the U.S costs \$1.3 trillion in lost productivity, \$2.77 trillion in treatment

Milken Institute, 2014 CHECKUP TIME: Chronic Disease and Wellness in America

The cost of employee stress: \$300 billion / yr. American Psychological Assn.

Smoking: \$183 billion / yr. in medical, productivity costs

American Lung Assn.

Medical costs of obesity: \$147 billion. Productivity costs: \$3.4 billion - \$6.4 billion

**US Centers for Disease Control & Prevention** 

eMindful offers evidence-based solutions to all of them



#### eMindful at a Glance

We help employers develop more resilient employees, through evidence-based mindfulness programs applied to stress, obesity, diabetes, and other conditions.

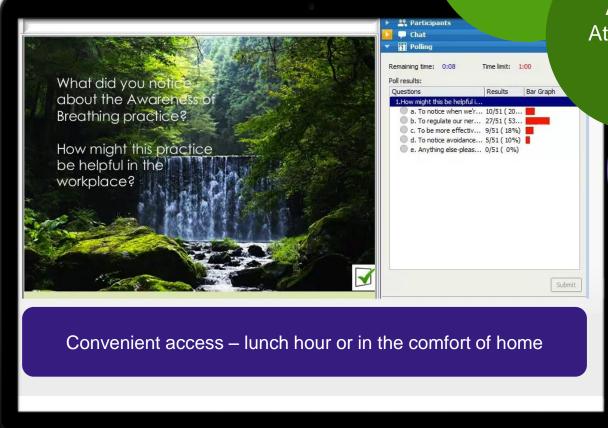
We serve globally distributed populations online, with the human touch and engagement of live, webinar-style courses.





#### eMindful's Classes

Average Registration: 17.0%



Average Attendance: **70.9%** 

Average
Meaningful
Participation:
79.8%



#### What Mindfulness Isn't

Mystical

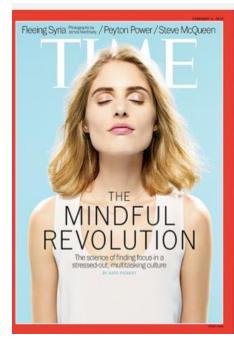
Complicated

A cure-all

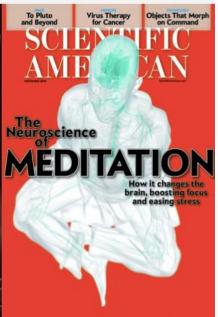
A quick fix

hbr.org

Just 6 Seconds of Mindfulness Can Make You More Effective









## Mindfulness Defined

Present experience awareness:

- Noticing sensations, emotions, thoughts
- Systematically returning attention to current experience



#### Benefits of Mindfulness





Decreased Pain



Decreased Anxiety & Depression



Decreased Stress-Related Medical Symptoms



Improved Attention



Improved Brain Function & Structure



Improved Behaviors



#### Stress Less, Live More™

## Ten 1-hour classes + 2-hour online retreat:

Based on eMindful's Mindfulness at Work® program which was the subject of a randomized controlled trial.

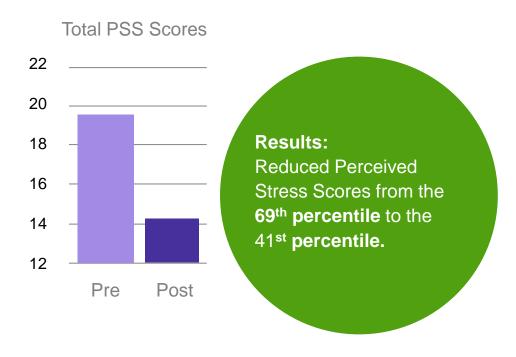
Developed in collaboration with Dr. Elisha Goldstein, workplace resiliency expert.

Individuals learn how to tune into their physical and emotional state and identify automatic patterns that undermine their health.



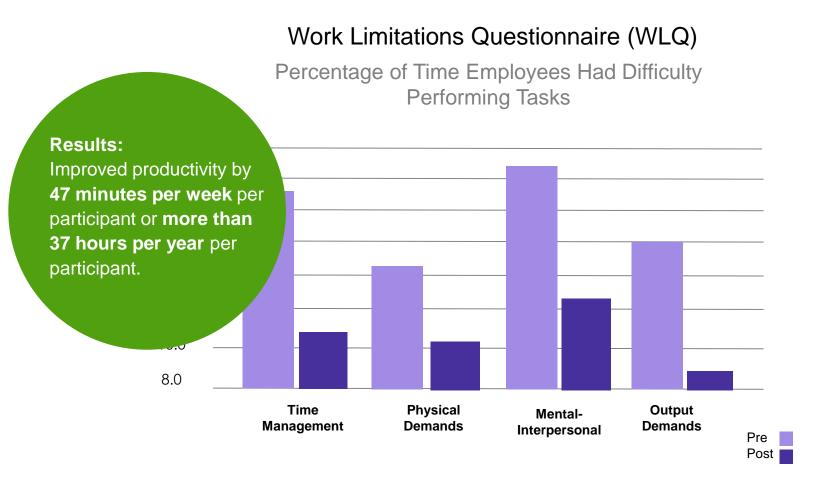


## Perceived Stress Scale (PSS)





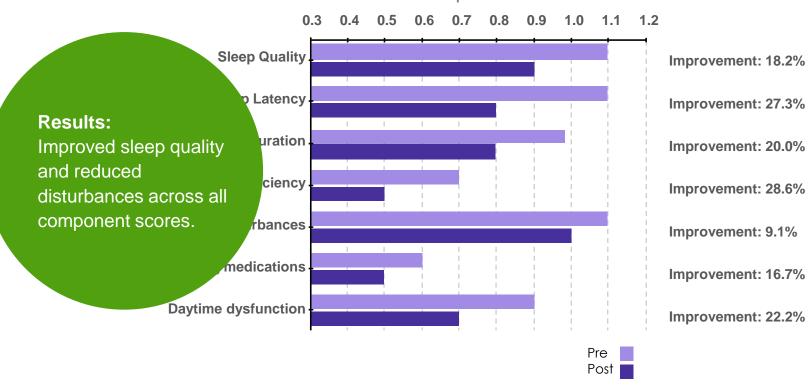
## Stress Less, Live More™ Are programs effective?





## Pittsburgh Sleep Quality Index (PSQI







## Weight Balance for Life™

## Twenty 1-hour classes:

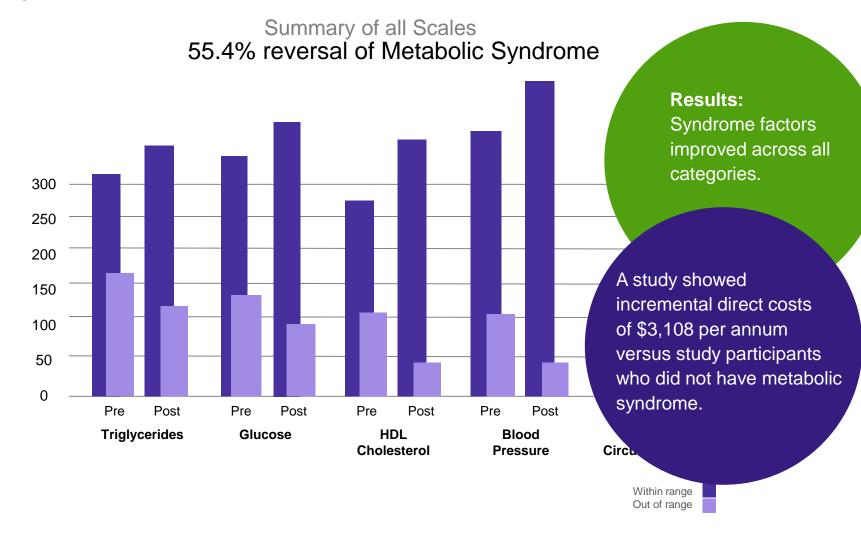
Weight Balance for Life uses an integrated approach incorporating:

- Nutrition
- Exercise physiology
- Behavioral approach
- Applied mind body practices



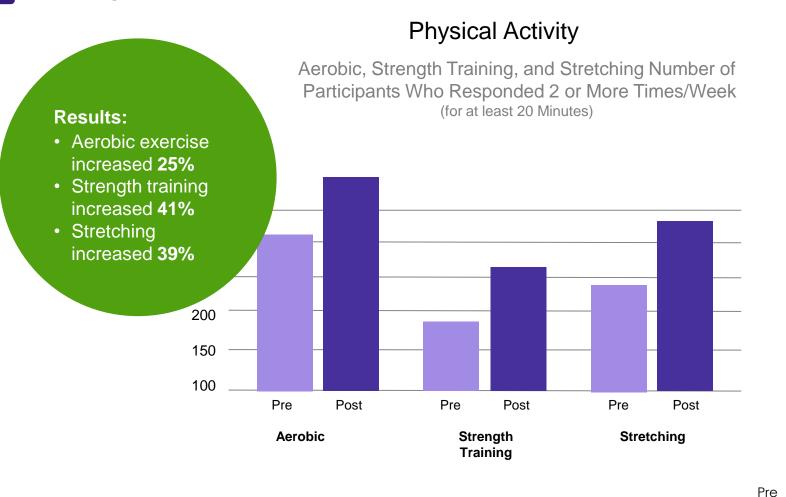


# Weight Balance for Life Are programs effective?





# Weight Balance for Life Are programs effective?



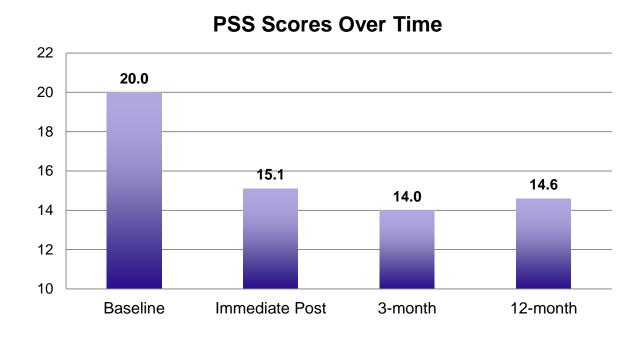


Post

#### 1-Year Longitudinal Data: Perceived Stress

Perceived Stress Scale (PSS)<sup>1</sup> scores at 3 points after the program showed significant stress reduction (p < 0.001).

Compared to national data,<sup>2</sup> the baseline score was at the **71**<sup>st</sup> **percentile**, and follow-up scores were at the **46**<sup>th</sup>, **40**<sup>th</sup> and **43**<sup>rd</sup> **percentiles**, respectively.

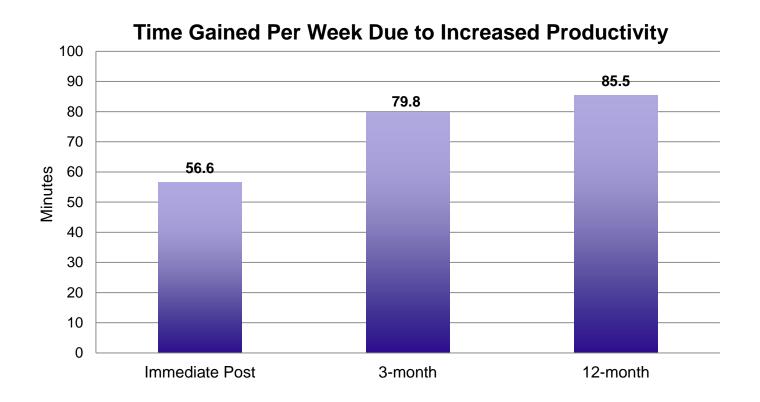


<sup>1</sup>Cohen S, Kamarck T, Mermelstein R. A global measure of perceived stress. Journal of health and social behavior. 1983:385-96. 
<sup>2</sup>Cohen S, Janicki-Deverts D. Who's stressed? Distributions of psychological stress in the United States in probability samples from 1983, 2006, and 2009. Journal of Applied Social Psychology. 2012;42(6):1320-34.



#### 1-Year Longitudinal Data: Productivity

According to the Work Limitations Questionnaire (WLQ),<sup>1</sup> *productivity increased at all follow-up time points*.

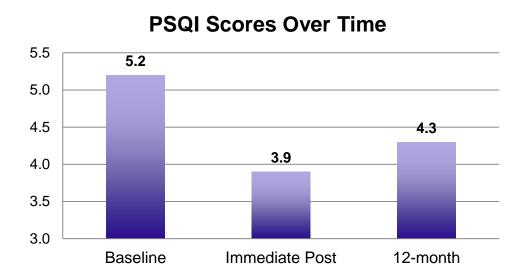


<sup>&</sup>lt;sup>1</sup>Lerner D, Amick III BC, Rogers WH, Malspeis S, Bungay K, Cynn D. The work limitations questionnaire. Medical care. 2001;39(1):72-85.



#### 1-Year Longitudinal Data: Sleep

The Pittsburgh Sleep Quality Index  $(PSQI)^1$  indicates that participants experienced better sleep quality immediately after the course, as well as one year later (p < 0.001).



For all assessments (perceived stress, productivity and sleep quality) participants continued to see **the same or better results one year later**, suggesting the **benefits are long-lasting**.

<sup>1</sup>Buysse DJ, Reynolds CF, Monk TH, Berman SR, Kupfer DJ. The Pittsburgh Sleep Quality Index: A new instrument for psychiatric practice and research. Psychiatry research. 1989;28(2):193-213.



#### Conclusion

## eMindful Applied Research Echoes Scientific Findings

Across a geographically diverse population within dozens of employers, mindfulness is effective in:

- Reducing stress
- Reducing metabolic syndrome
- Improving sleep quality
- Enhancing productivity



