



**Brain Health
RESTORATION**

70% of those afflicted with substance use disorders are still coming to work and 42% of these people admit their dependency affects their performance.¹

Substance abuse is costing your business.

THE QUESTION IS, HOW MUCH?

Today employers are facing drastic increases in substance use disorders (SUD) in the workplace and these increases are having a profound impact on their bottom line. The SUD burden is real for any type of business - from productivity decreases, employee turnover and retraining to dependents' treatment costs. Brain Health Restoration recognizes the devastating effects of the substance use disorder epidemic and has committed itself to the development of innovative and effective treatment programs.

Typical SUD cost estimates for different industries:²

INDUSTRY	# EMPLOYEES	LOST TIME COSTS	JOB TURNOVER AND RETRAINING	TREATMENT COSTS	TOTAL COSTS FOR WORKPLACE SUD	COST PER MEMBER PER MONTH (PMPM)
California Construction	1,000	\$168,640 Avg. Days off Work - 667	\$135,935 Total Turnover - 17	\$118,018 Days in Hospital - 32 ER Visits - 48 Outpatient Visits - 64	\$423,593	\$35.30
California Manufacturing Durable Goods	1,000	\$142,941 Avg. Days off Work - 374	\$117,189 Total Turnover - 10	\$92,178 Days in Hospital - 25 ER Visits - 38 Outpatient Visits - 51	\$353,308	\$29.44

Addiction costs your business in three ways:



ADDICTED & ABSENT FROM WORK

Workers with substance use disorders miss nearly 50 percent more days than their peers, averaging nearly three weeks at (14.8 days) a year. Workers with pain medication use disorders miss nearly six weeks (29 days) - nearly three times as many.³



ADDICTED & PRESENT AT WORK

Presenteeism — when employees are there in body but not in mind — accounts for 63 percent of employee medical costs. Presenteeism expenses, estimated based on employees' salaries, are the dollars lost to illness-related reductions in productivity.⁴



ADDICTED DEPENDENTS OF EMPLOYEES

When an employee has an addicted dependent, the medical costs of ER visits, failed recovery and the treatment of comorbidities will impact your business. In addition, worker absence and presenteeism can detract from your bottom line and productivity.

¹Based on the 3-year average of any substance use reported in annual National Survey on Drug Use and Health 2012-2014.

²National Safety Council; SHATTERPROOF; and the National Opinion Research Center at the University of Chicago 2015. Derived from SAMHSA's National Survey on Drug Use and Health (NSDUH) 2012 – 2014. <https://live-forms.nsc.org/newforms/substance-use-employer-calculator/index.aspx>

³National Safety Council, Implications of Drug Use for Employers, <https://tinyurl.com/y4b6v9g4>

⁴Harvard Business Review, Presenteeism: At Work—But Out of It, <https://tinyurl.com/hnvg5n8>.

The problem with current SUD treatments: THEY DON'T WORK.

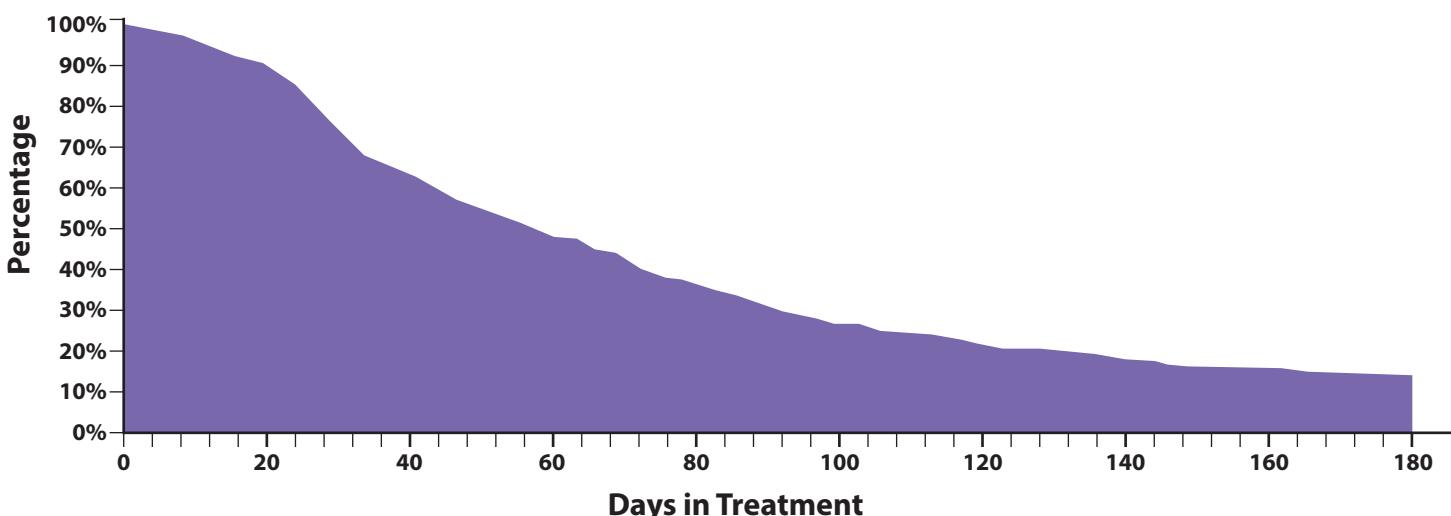
Brain Health Restoration (BHR) has taken a unique and bottom-line focused approach to addiction treatment in the workplace. Traditional modalities have simply not been effective. Inpatient programs are not only expensive, they are rarely effective. The National Survey on Drug Use and Health found that those who most need addiction treatment do not receive it. And even if they complete detox, patients do not remain in treatment long term which contributes to high relapse rates.

Those in addiction treatment relapse at a rate of 40-80% with an average of three visits to a treatment center.⁵

Estimated inpatient SUD treatment costs⁶

	CURRENT MODALITY OF TREATMENT	BRAIN HEALTH RESTORATION SAVINGS TO PAYER
Treatment type	Inpatient (30 to 90 days), acute care 12 step-based	
Average charged amount	\$75,000	\$25,000 to \$40,000
Recidivism rate	90%	
Total cost of treatment	\$225,000 (\$75,000 estimated 3 visits)	\$175,000 to \$195,000
Incremental cost of comorbidity over client lifetime as a result of chronic relapse	\$500,000 to \$700,000	\$500,000 to \$700,000

Proportion of patients remaining in treatment following detox⁷



⁵"2016 National Survey on Drug Use and Health," National Survey on Drug Use and Health, <https://nsduhweb.rti.org/respweb/homepage.cfm>

⁶"Understanding the Cost of Rehab," Dec. 27, 2018, Addiction Center, <https://www.addictioncenter.com/rehab-questions/cost-of-drug-and-alcohol-treatment/>

⁷"The Effect of Copayments on Drug and Alcohol Treatment Following Inpatient Detoxification Under Managed Care," Feb. 2000, Psychiatry Online,

<https://ps.psychiatryonline.org/doi/full/10.1176/appi.ps.51.2.195>

We're using brain science to transform health.

AND BOOST YOUR BOTTOM LINE.

The MeRTSM Protocol

Employers and employees need and deserve a more effective treatment tool. Brain Health Restoration offers it. Magnetic e-Resonance Therapy, or MeRTSM addresses addiction recovery in a completely unique way. It is a painless, non-invasive proprietary treatment modality focused on optimizing brain health and function. When combined with counseling, MeRTSM has been shown to enhance patient self-esteem and mindfulness while minimizing or eliminating cravings, relapses and productivity killing comorbidities that often accompany substance use disorders, including deep depression, escalating rage and pervasive anxiety.

The MeRTSM program ensures privacy and minimizes downtime (no extended rehab stays) to help employees recover while managing the rest of their lives.

MeRTSM Results

The following improvements have been observed in patients following MeRTSM treatments:

- Cessation of drug cravings
- Improved quality of sleep
- Increased ability to manage stress
- Better concentration and focus
- Improvement in mood
- Increased motivation
- Improved clarity of thought

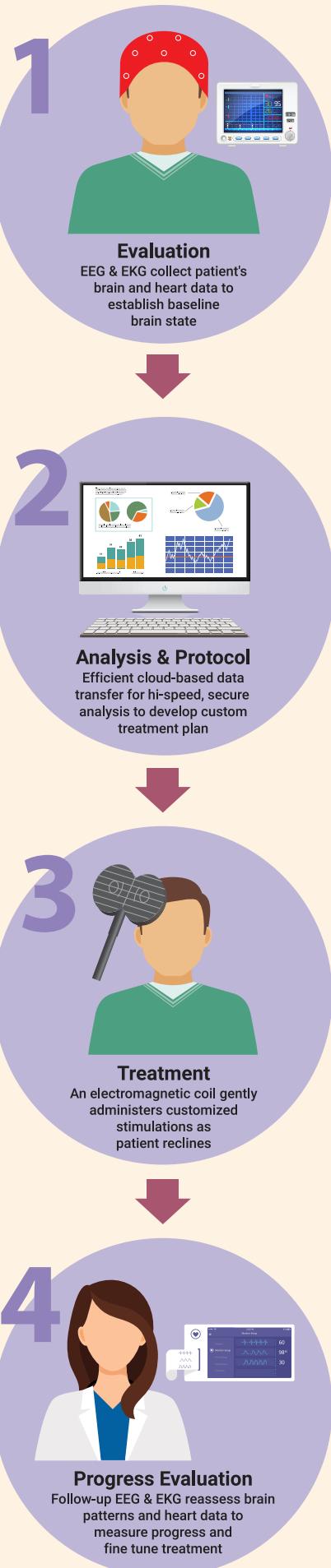
Safety & Efficacy

MeRTSM has already proven to be highly effective in the treatment of PTSD in veterans. In a double-blind study of 96 veterans suffering from PTSD, those receiving MeRTSM showed a statistically significant reduction in symptoms in just two weeks.

Currently BHR's partner and developer of MeRTSM, Newport Brain Research Laboratory, is collaborating with US Special Operations Command to conduct FDA trials with MeRTSM on active duty SEALs and other soldiers for persistent post-concussive syndrome.⁹

MeRT's ability to restore optimal brain function in the PTSD study was accompanied by the equally valuable benefit of significantly and voluntarily decreasing the veterans' use of tobacco, alcohol and pain medication.⁸

How MeRTSM Works



⁸"Magnetic Resonance Therapy Improves Clinical Phenotype and EEG Alpha Power in Posttraumatic Stress Disorder," 2015 November, US National Library of Medicine National Institutes of Health, <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4727473/>

⁹"Clinical Trial to Evaluate the Safety and Efficacy of MeRTSM Treatment in Persistent Post-Concussive Symptoms," US National Library of Medicine, clinicaltrials.gov/ct2/show/NCT02990793



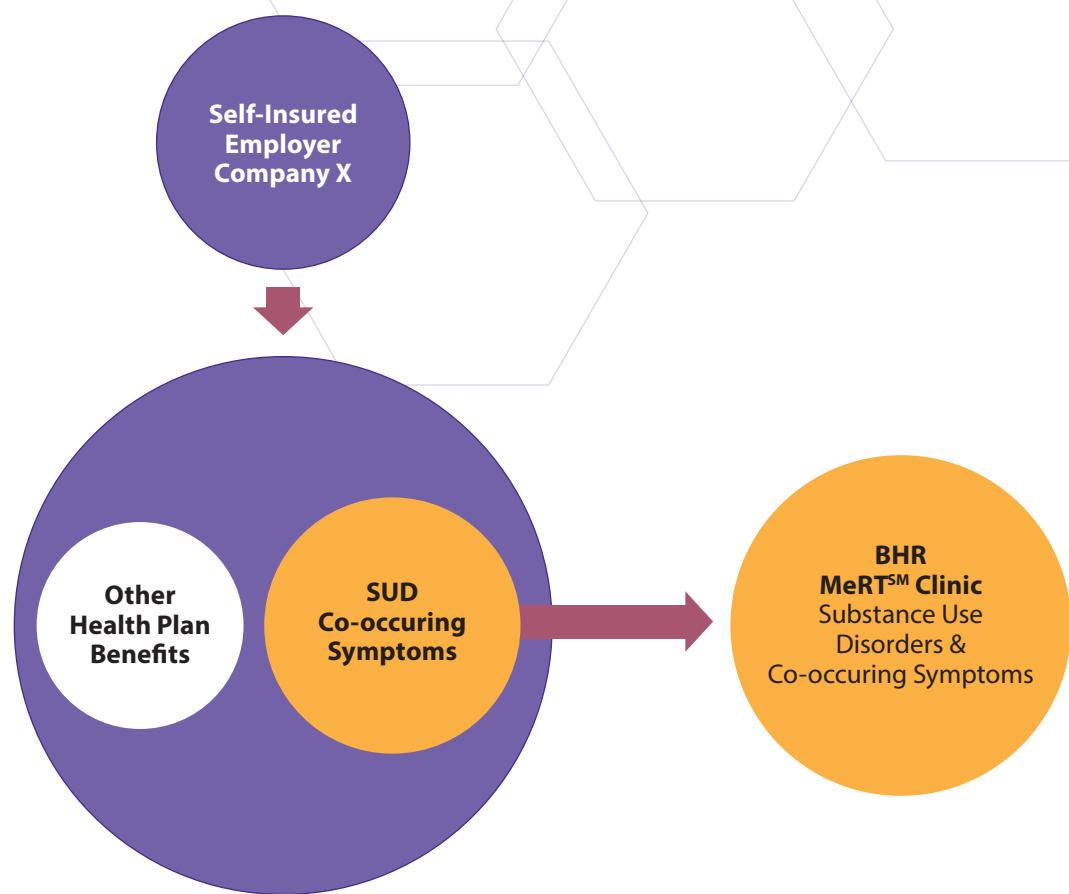
Patients experience real results with MeRTSM.

Tony is a former Navy SEAL who took part in a clinical trial determining the effect of MeRT on Persistent Post-Concussion Symptoms and PTSD. After serving in Iraq and Afghanistan, Tony had trouble concentrating and remembering and was given to explosive bursts of anger. He received MeRTSM five times a week and quickly noticed changes, including improvements to his energy level and mood. He says anger is no longer his “go-to emotion” and he’s developed the ability to cope. He has the focus and energy for two new hobbies — abstract painting and welding — and he’s remodeled his kitchen. Most significant to Tony’s overall well-being is he now sleeps well at night.

Transform your bottom line with a MeRTSM SUD carve-out program.

Brain Health Restoration can carve out a discrete set of coverages for SUDs and their co-occurring symptoms for self-insured employers. A customized carve-out program using MeRTSM can diminish employee utilization of healthcare services by drastically reducing substance cravings and addiction relapse rates. The carve-out enables employers to better manage costs by eliminating the need for extended inpatient stays at high-end rehab facilities and lost time from work.

SUD carve-out program with Brain Health Restoration MeRTSM Clinic



Brain Health Restoration can help you manage the tremendous costs of substance use disorders. Contact us today and start saving money!