The Study of Cognitive Rehabilitation Effectiveness

The SCORE clinical trial is a randomized controlled treatment trial evaluating the effectiveness of cognitive rehabilitation in post-deployment military service members who sustained a concussion.
Acknowledgements

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Congress established DVBIC in 1992 after the first Gulf War in response to the need to treat service members with TBI. DVBIC’s staff serves as the Defense Department’s primary TBI subject matter experts. DVBIC is part of the U.S. Military Health System and is the TBI operational component of the Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury (DCoE). Learn more about DVBIC at dvbic.dcoe.mil.

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SCORE Disclaimer

The view(s) expressed herein are those of the author(s) and do not reflect the official policy or position of Brooke Army Medical Center, the U.S. Army Medical Department, the U.S. Army Office of the Surgeon General, the Department of the Army, the Department of Defense, the Department of Veterans Affairs, or the U.S. Government.
Chapter 5:
Integrated Behavioral Health and Cognitive Rehabilitation Interventions (SCORE Arm 4)

Part VII:
Mindfulness

What is Mindfulness?
With origins in the Eastern practice of meditation, mindfulness has been described as a set of skills that focus primarily on self-regulation of attention, that is, “paying attention in a particular way: on purpose, in the present moment, and nonjudgmentally.”

More recently, mindfulness has been introduced into Western psychological practice with the intent of reducing psychological distress by promoting engagement with the present (as an alternative to nonconstructive rumination about the past or future). When integrated with traditional cognitive-behavioral therapy, this improved attentional awareness also can be used to help clients learn to more effectively manage distracting thoughts, thereby potentially improving cognitive performance.

A Different Approach
Traditional Western culture has conditioned many of us from a very young age to expect that we can exercise control over much of the world around us through effective problem-solving. In the external (material) world, these control-oriented strategies generally work well. For many of our material problems, we can often figure out ways either to solve or avoid them.

Unfortunately, we cannot simply solve or avoid most thoughts, memories, feelings, urges and sensations that we do not like. Applying this expectation of control to our internal (psychological) world is often not only ineffective, but also frustrating and distracting from important life tasks.

Mindfulness is an alternative approach that involves learning to recognize, accept and let go of unhelpful and distracting thoughts and emotions so they no longer dominate our attention. This, in turn, allows us to more fully engage in the present moment to accomplish more important life tasks.

Researchers have found ways to gauge mindfulness, and have found approaches for incorporating mindfulness as a practice, an outcome and a long-lasting trait.
SCORE Mindfulness skills

Special SCORE mindfulness skills include the following:

- **Defusion.** Accepting unhelpful thoughts and emotions while utilizing specific techniques to redirect attention toward more important life activities.
- **Cognitive distortions.** Recognizing common thinking errors that tend to perpetuate unhelpful thinking. Incorporated from more traditional cognitive-behavioral therapy approaches.
- **Schema.** Identifying core beliefs about ourselves, others and the world that tend to perpetuate unhelpful thinking. Incorporated from more traditional cognitive-behavioral therapy approaches.
- **Attention training exercises.** Using guided audio exercises that help with the practice of improving self-regulation of attention. Please note, these exercises are not intended as relaxation exercises.

The MP3 audio files are Mindfulness of the Breath, Mindfulness of the Body, and The Observing Self. The therapist will provide instruction on using them.

References