Deep Breathing

Breathing practices can calm the nervous system

Activation of the Parasympathetic Nervous System (PNS):

Deep breathing stimulates the vagus nerve, which plays a key role in activating the PNS, also known as the body's "rest and digest" response, promoting relaxation and reducing stress.

Reduction of Stress Hormones:

Slow, deep breathing can calm the nervous system and help reduce the production of stress hormones like cortisol and adrenaline. This signals to the body that it's safe to relax, which can decrease the release of these hormones associated with the "fight or flight" response.

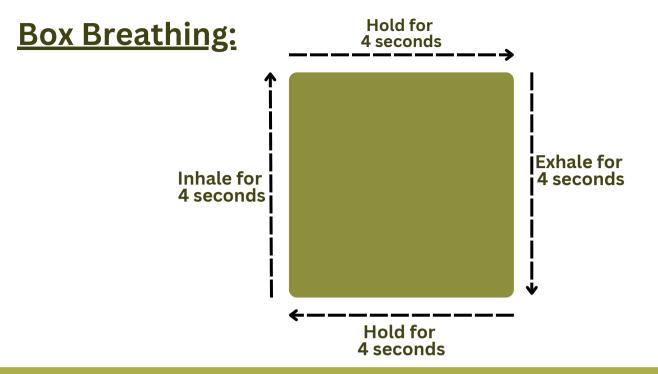
Heart Rate Variability (HRV):

Rhythmic and controlled breathing patterns, can improve heart rate variability. HRV is an indicator of the balance between the sympathetic and parasympathetic nervous systems. Higher HRV is associated with better resilience to stress and improved overall health.

Mindfulness and Focus

Mindfulness meditation, involve focused attention on the breath. This mindfulness practice can help divert attention away from stressful thoughts or stimuli, calming the mind and reducing the physiological response to stress.

Deep Breathing Techniques



4-7-8 Technique

Breath in for 4 seconds

Hold for 7 seconds

Exhale, slowly, for 8 seconds

<u>Alternating Nostril Breathing</u>

Use your right Close your left Inhale through Repeat for 5-10 thumb to close nostril with your the right nostril, minutes with then switch and your right ring finger, slow, steady release the nostril, inhale exhale through breaths. through the left. the left. right, and exhale.

www.springaheadnutritionandwellness.com