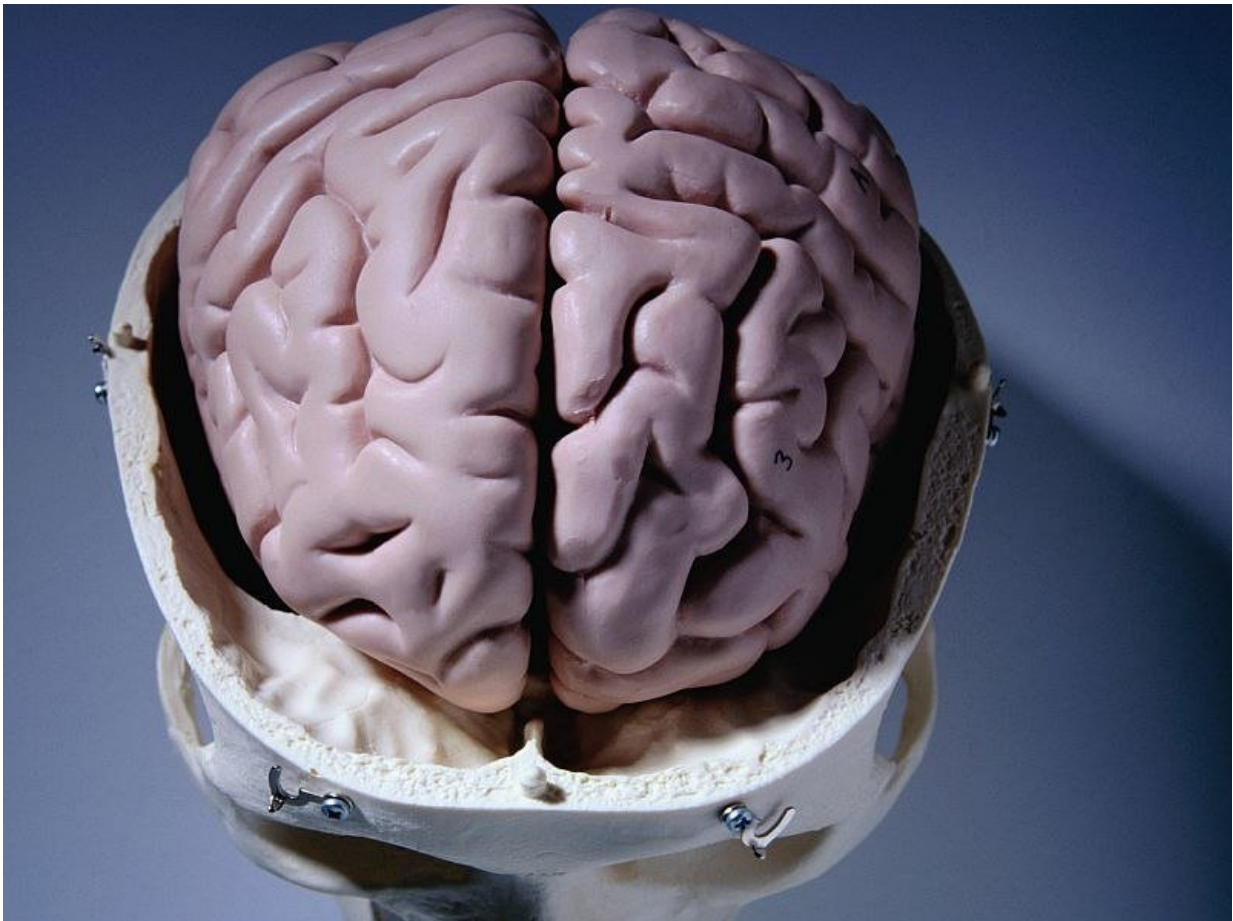


Compassion training may up resilience to others' suffering

July 16 2018



(HealthDay)—Compassion meditation can increase the visual preference

for suffering while attenuating neural responses in regions of the brain associated with valence and empathic distress, according to a study published recently in *Frontiers in Psychology*.

Helen Y. Weng, Ph.D., from the University of California in San Francisco, and colleagues randomized healthy adults to two weeks of [compassion](#) or reappraisal training. Blood-oxygen-level-dependent functional magnetic resonance imaging responses were measured before and after training while participants viewed images depicting human suffering or non-suffering.

The researchers observed a correlation for increases in visual preference for suffering due to compassion training with decreases in the amygdala, which is involved in negative valence, arousal, and physiological responses typical of fear and anxiety states. The pattern was seen in the compassion group but not the reappraisal group. There was also a correlation for compassion training-related increases in visual preference for suffering with decreases in regions sensitive to valence and empathic distress, spanning the anterior insula and orbitofrontal cortex; the opposite effect was seen in the reappraisal group. Compared with engaging in reappraisal, engaging in compassion in general resulted in visual attention preference for suffering on examining [visual attention](#) alone.

"Compassion meditation may shift habits of becoming overly distressed when we encounter another's pain," Weng said in a statement. "People can learn a calmer and more balanced [response](#) when they see someone suffering, even when they are attending more to suffering."

More information: [Abstract/Full Text](#)

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: Compassion training may up resilience to others' suffering (2018, July 16) retrieved 3 February 2024 from <https://medicalxpress.com/news/2018-07-compassion-resilience.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.