

Fitness instructors' comments shape women's body satisfaction

December 13 2018, by Hilary Hurd Anyaso

Exercise has been called a double-edged sword for women when it comes to body image as some types of exercise seem to improve body esteem, whereas others have the potential to lower it.

In other words, from a psychological perspective, not all [fitness](#) approaches are created equal.

A new Northwestern University study found that while exercise, in this case, a 16-minute conditioning class, generally improved women's mood and [body satisfaction](#), women felt even better if the instructor made motivational comments that focused on strength and health instead of on losing weight or changing the appearance of one's body.

"Our goal was to determine whether the psychological outcomes of a fitness class might vary based on whether the instructor made motivational comments based on health verses appearance," said Renee Engeln, lead author of the study and professor of instruction in psychology in the Weinberg College of Arts and Sciences at Northwestern.

After taking the class, women reported more [positive emotions](#) and felt more satisfied with the shape of their [body](#) if the instructor said things like, "This exercise is crucial to developing strength in the legs; these are the muscles that truly help you run, jump, sprint like a super hero!" Those randomly assigned to the class in which the instructor made appearance-focused comments like, "This exercise blasts fat in the legs,

no more thunder thighs for us! Get rid of that cellulite!" didn't show those same improvements.

"We also asked the women to list three words that described how they felt at the end of class," said Engeln, author of "Beauty Sick" (HarperCollins, 2017). "Those who heard appearance-focused comments were much more likely to write things like 'ashamed' and 'disgusted with myself.' Those in the health-focused classes were more likely to write things like 'accomplished' and 'strong.'"

Engeln said the study is one more reminder that words really matter.

"The [women](#) in this study all did the same exercises, in the same room, with the same music playing," Engeln added. "Yet just modifying the script the fitness instructor used had a meaningful impact on the way they felt about themselves afterward.

"If we want people to stick with [exercise](#), we need to remove shame from the equation. This study points to an easy and cost-free step that fitness instructors can take to make their classrooms healthier, more inclusive and more inspiring."

More information: Renee Engeln et al, Tone it Down: How Fitness Instructors' Motivational Comments Shape Women's Body Satisfaction, *Journal of Clinical Sport Psychology* (2018). [DOI: 10.1123/jcsp.2017-0047](#)

Provided by Northwestern University

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