

The Fit Effect

Personal Training



Houston, Texas

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Warm Up To Work Out

Suppose you were told that you only had to add an extra five to 10 minutes to each of your workouts in order to prevent injury and lessen fatigue. Would you do it?

Most people would say yes. Then they might be surprised to learn that they already know about those few minutes called a warm-up. If done correctly, a pre-exercise warm-up can have a multitude of beneficial effects on a person's workout and, consequently, their overall health.

What happens in your body?

When you begin to exercise, your cardio-respiratory and neuromuscular systems and metabolic energy pathways are stimulated. Muscles contract and, to meet their increasing demands for oxygen, your heart rate, blood flow, cardiac output and breathing rate increase. Blood moves faster through your arteries and veins, and is gradually routed to working muscles.

Your blood temperature rises and oxygen is released more quickly, raising the temperature of the muscles. This allows the muscles to use glucose and fatty acids to burn calories and create energy for the exercise. All of these processes prepare the body for higher-intensity action.

Specifically...a gradual warm-up:

- Leads to efficient calorie burning by increasing your core body temperature.
- Produces faster, more forceful muscle contractions.
- Increases your metabolic rate so oxygen is delivered to the working muscles more quickly.

- Prevents injuries by improving the elasticity of your muscles.
- Gives you better muscle control by speeding up your neural message pathways to the muscles.
- Allows you to work out comfortably longer because all your energy systems are able to adjust to exercise, preventing the buildup of lactic acid in the blood.
- Improves joint range of motion.
- Psychologically prepares you for higher intensities by increasing your arousal and focus on exercise.

Where to begin

Your warm-up should consist of two phases: 1) progressive aerobic activity that utilizes the muscles you will be using during your workout, and 2) flexibility exercises. Choosing which warm-up activity to use is as easy as slowing down what you will be doing during your work-out.

For example, if you will be running, warm up with a slow jog, or if you will be cycling outdoors, begin in lower gears.

An ideal intensity for an aerobic warm-up has yet to be established, but a basic guideline is to work at a level that produces a small amount of perspiration, but doesn't leave you feeling fatigued. The duration of

the warm-up activity will depend on the intensity of your workout as well as your own fitness level.

After the aerobic warm-up activity you should incorporate flexibility/stretching exercises. Stretching muscles after warming them up with low-intensity aerobic activity will produce a better stretch since the rise in muscle temperature and circulation increases muscle elasticity, making them more pliable. Be sure to choose flexibility exercises that stretch the primary muscles you will be using during your workout.

Make the time

In order to fully reap the benefits of the time you are spending exercising, you must warm up. Taking those extra few minutes to adjust to increased activity will ensure a better performance from your body and, in turn, will make your workout more efficient, productive and, best of all, enjoyable.

For more information on how The Fit Effect Can Get You There, please visit our website at

<http://www.TheFitEffect.net>

or contact Ray at

832-755-1949



Exercise and First Impressions

Do you exercise? If so, people see you as "a harder worker, more confident, and [as having] more self-control" than non-exercisers, according to a recent issue of the Journal of Sport and Exercise Psychology.

Dr. Kathleen A. Martin and colleagues at McMaster University in Ontario asked 627 Canadian men and women to rate the personality and physical attributes of individuals based on a brief description that included the person's gender and exercise habits.

Unlike exercisers, who were perceived to be healthy, muscular and sexually attractive, non-exercisers were perceived to be sickly, scrawny, and sexually unattractive.

Non-exercisers were also believed to have fewer friends and be less smart, brave, neat and happy.

Why such radical differences in perception? "We suspect that knowledge of the physical benefits of exercise had a positive effect on raters' impressions of exercisers' physical attributes," researchers write.

These results complicate the problem of trying to get people to exercise: If they know exercise is beneficial and can make someone healthier and more sexually attractive, why don't most people exercise regularly?

In an earlier study, Martin and her team found that negative stereotypes of overweight women could be overcome if a woman was thought of as an exerciser.

She urges people to "be aware that there are potent social benefits associated with exercise - that is, people will think more positively of you just by virtue of your exercise habits."

Source: Journal of Sport and Exercise Psychology 2000; 22, 283-291.

Ray Bessette, Master Personal Trainer, Houston, Texas

Graduate of the Professional Fitness Institute, NASM, ACE, NSCA Certified, and founder of The Fit Effect, LLC

Ray Bessette is a Graduate of the Professional Fitness Institute, NASM, ACE, NSCA Certified, and founder of The Fit Effect, LLC. With over 26 years of experience in the fitness industry, Ray is committed to exceed his client's fitness goals by utilizing his education, knowledge and experience through motivation, communication and perspiration. "By listening to every client's specific needs I am able to evaluate and develop a structured program that will enable you to reach your wellness and fitness goals. Certified trainers play many roles in the client/trainer relationship. I will motivate, inspire, educate, and coach you to levels once accepted as unattainable."



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