



# Health Awareness

## Fabric May Increase Circulation In Diabetics And The Rest Of Us

(NAPSA)—There may be good news for diabetics, athletes—and the rest of us as well.

That's because of the introduction of what is described as the world's first body-responsive textile fiber. The fiber is reported to significantly increase oxygenated blood flow, which can increase circulation and build strength.

For diabetics, this improvement in skin oxygenation is said to accelerate wound healing and help eliminate pain due to decreased blood flow. For people not affected by diabetes, this skin oxygenation may help speed recovery after exercise, boost energy levels and improve overall circulation.

The textile is called HoloFiber, and it is being introduced to the public at the American Diabetes Association's Diabetes Expo in New York.

When worn on or near the skin, HoloFiber responds to available light and the energy produced by the body, converting light and the body's own energy to the necessary wavelengths that make this usually unavailable energy accessible.

Diabetics face two major issues: neuropathy, or the loss of sensation, and atherosclerosis, or hardening of the arteries, which reduces the circulation of blood in the body. Atherosclerosis can lead to a number of conditions, including aching feet, leg pain and problems with wound healing.

A study by Dr. Lawrence Lavery of Texas A&M University, a leading expert in diabetic foot complications, indicated products made with the material increased oxygen levels in diabetic subjects.

According to Dr. Lavery, there was a "...statistically significant change in oxygen delivery to the skin—in hands and feet, on subjects wearing HoloFiber gloves and socks compared to those wearing comparable non-HoloFiber gloves and socks."



**Clothing made with a new textile is reported to boost energy levels and improve overall circulation for diabetics, athletes such as Michellie Jones (shown), and others.**

In addition to helping diabetics, the textile is reported to increase oxygen levels in non-diabetics by as much as 25 percent, helping to improve physical performance and recovery time.

HoloFiber is being lauded by some of the world's leading athletes, including top-ranked female triathlete and Olympic silver medalist Michellie Jones, who has been testing the textile for nearly two years.

"As a professional athlete, you want everything you can possibly find to help get the best performance possible," noted Jones. "That's one of the things I like about the material—the fact that it helps with recovery and circulation."

A range of HoloFiber products are available, including tees, socks, shoes, glove liners, shorts and custom insoles. To learn more about these and other products, visit the Web site at [www.holofiber.com](http://www.holofiber.com).