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Developing Technology to Address the Way You Heal

Editorial Staff
Division of Research, Wayne State University

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Developing technology to address the way you heal

Currently, 25 percent of the 24 million diabetics in the United States are suffering from chronic foot ulcers, according to the American Diabetes Association. Simple and effective wound treatment is necessary to reduce the risk of amputations.

In response to the pressing medical challenge, researchers at Wayne State University and the University of Michigan confirmed the viability of applying an interactive wound dressing comprised of non-woven fabric with porous microcarrier beads and human keratinocytes - living human skin cells - directly on wounds. These findings became the platform technology for the Chicagobased start-up, KeraCure®.

KeraCure® has partnered with Genzyme, the world's leading cell-therapy company, to produce a simplified wound dressing. Known as the KeraPac®, the dressing is expected to improve the lives of more than 10 million chronic wound sufferers requiring treatment each year, including those with diabetic foot ulcers, venous stasis ulcers and pressure ulcers.

KeraCure® believes the platform technology will also advance clinical care and the delivery of gene products for stem cell delivery, cardiac repair, vascular repair, bone repair, nerve regeneration, burns and cosmetic surgery.

For more information about KeraCure®, visit: http://www.keracure.org/







