

AZBIO

| 2019 |
Arizona Bioscience
**COMPANY
OF THE YEAR**
**Regenesi
Biomedical**



REGENESIS[®]
BIOMEDICAL

Managing pain without pills

Pain is real. If it is your pain, relief can be life changing.

The National Institutes of Health explains the two primary types of pain like this. Acute pain is a normal sensation triggered in the nervous system to alert you to possible injury and the need to take care of yourself, chronic pain is different. Chronic pain persists. Pain signals keep firing in the nervous system for weeks, months, even years.

Results from the 2012 National Health Interview Survey show that about 25.3 million U.S. adults (11.2 percent) had pain every day for the previous 3 months. The study also revealed that individuals with severe pain had worse health, used more health care resources, and had more disability than those with less severe pain.

To treat pain, doctors often prescribe pain medications (like opioids) that may have side effects including nausea, constipation, sleeplessness, vomiting, and abdominal discomfort. In some cases, pain medications can also lead to abuse and addiction. In some cases, these are the patient's best option. In other situations, alternatives are available that can bring relief without these side effects

The 2019 Arizona Bioscience Company of the Year has discovered, developed and is delivering a solution to help patients manage their pain with a safe, non-drug medical device.

Regenesi Biomedical is dedicated to improving human welfare through the research, design, manufacture, and sale of energy-based medical products and services that alleviate pain, restore health, and improve quality of life.

Regenesi currently offers the Provant[®] Therapy System, an FDA-cleared medical device that is a safe, non-drug alternative to opioids. Regenesi's customers include health care facilities and providers that serve patients treated in acute care hospitals, skilled nursing facilities, rehabilitation centers, and outpatient clinics, as well as by patients self-treating at home.

Provant Therapy may help reduce the amount of pain medicine that people who are suffering need to take. Provant is electromagnetic energy intended as an adjunctive treatment for post-operative pain and edema of soft tissue. As it helps relieve pain, Provant may reduce a patient's need for analgesic drugs, including opioids.

Since launch, there have been over 3 million treatments.

Outcomes with Provant Therapy are documented in journal articles, white papers, and case reports. Provant relieves pain in several post-operative conditions, including orthopedic surgery, joint replacement, amputation, rotator cuff repair, back surgery, hernia repair, debridement, hand and foot surgeries, and neuropathy.

Our Military Veterans are one group at increased risk for chronic pain based on U.S. national survey data. Regenesi has been working to assist our veterans for over 10 years.

The Veterans Affairs Central Office (VACO) established guidelines for appropriate Provant Therapy prescribing, including that patients treat 120 days as an initial course of care. A survey of almost 1,000 veteran patients showed 75 percent had a decrease in pain. Of the 25 percent that did not have a decrease in pain, 72 percent had improvement in their daily activities and 47 percent had improvement in sleep.

To improve health and welfare for a more active and fulfilling life is Regenesi Biomedical's mission. This is accomplished with safe, non-drug Provant Therapy. **AB**