

BIONIC™



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BIONIC™ GLOVES IMPROVE QUALITY OF LIFE FOR PEOPLE WITH ARTHRITIS

Awarded Arthritis Foundation® Ease-of-Use Commendation

LOUISVILLE, KY- Many of the nearly 70 million people with arthritis know how painful it can be to do simple household chores, much less try to enjoy a little gardening. But independent research shows that a new product called Bionic™ Gardening Gloves can help improve the quality of life for people with arthritis.

Independent testing demonstrated that Bionic Gloves can significantly improve strength in the hands of people with arthritis while helping reduce their pain. As a result, **Bionic Gloves were granted the Arthritis Foundation's Ease-of-Use Commendation.** Users who tested the gloves reported that they could perform tasks better and with less pain while wearing the gloves as compared to doing the same tasks bare handed.

"Easy-to-use products can reduce stress on joints, and make everyday tasks easier for all people," said Dr. John H. Klippel, Arthritis Foundation president and CEO.

Results of the independent testing said that users "...felt that the product represents a significant improvement over existing products," and that "Users were surprised that they could exert more force when using the gloves." The results said, "Users were pleased with the flexibility and comfort of the gloves," and that "Household activities and light gardening were easier to perform with the gloves." The report notes that users were even able to dial a cell phone with sufficient control while wearing the Bionic Gardening Gloves.

Bionic Gloves are a new product from Hillerich & Bradsby Co., the same people who make Louisville Slugger® baseball bats. The company worked with renowned orthopedic hand surgeon Dr. Jim Kleinert to take technology developed for high performance athletes and put it into gardening gloves. Bionic Gloves' patented and patent pending anatomic relief pads on the thumb, fingers, and palm reduce calluses, blisters, and hand fatigue.

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RESULTS OF INDEPENDENT STUDY OF BIONIC™ GARDENING GLOVES ON PEOPLE WITH ARTHRITIS

- People with arthritis who tested the gloves said it was easier to use a rake, a hammer, and a shovel with the gloves on. Wearers also found that lifting a water filled bucket, using scissors, and pressing a spray bottle were easier while wearing the gloves.
- In addition to yard work and gardening, testers said they would use the Bionic Gloves for indoor tasks such as mopping, sweeping, dusting, folding clothes, and opening jars.
- **GRIP STRENGTH IMPROVED.** On average, users were able to exert 16% greater force while wearing the gloves than with their bare hand.
- **PINCH FORCE IMPROVED.** On average, users were able to exert 25% greater tip pinch force, 12% greater key pinch force, and 47% greater Palmer pinch force while wearing the gloves than with their bare hands.
- **TORQUE FORCE IMPROVED.** On average, users were able to exert 47% greater torque on a metal knob, 38% greater torque on a plastic knurled knob, and 28% greater torque on the palm grip while wearing the gloves than with their bare hands.

These findings led researchers to conclude in their report that “the product is beneficial to users with arthritis in their hands. Objectives tests demonstrated that users could apply significantly more force with less reported discomfort while wearing the gloves as opposed to similar actions performed bare handed.”

Bionic Gardening Gloves are available by calling 1-800-282-2287 option #6, or online at www.Bionicgloves.com/PG. Bionic Gardening Gloves are also available at select garden centers.

