



My name is Carter Jones and I am a doctor in Denver, Colorado who specializes in treating patients with chronic pain of all kinds and in all parts of the body. I have been practicing since 2011, both at large academic centers and in private practice. In addition to treating patients, I also conduct research into the causes of and new treatments for various types of chronic pain. I have been working with VRx Medical to use technology to treat chronic pain in a safer, more effective way than medications or other common techniques.

In my daily work, I see the devastating effect that chronic pain has on my patients. Either through limiting the things that they can do or by making simple tasks too painful to perform, chronic pain reduces the size of the world around them. This effect takes a tremendous physical, as well as psychological, toll on my patients and too often makes their lives unbearable.

The tools we physicians have available to treat chronic pain are woefully inadequate to address the problem we face everyday. Medications commonly prescribed for pain produce side effects that render them intolerable or too dangerous for many patients, and procedures designed to treat pain carry risks that patients are often not willing to accept and access to these procedures is limited. Moreover, all too often these therapies do not produce the desired effect, with partial or short-lived pain relief.

Nottingham is a software application that uses technology available in a common smartphone to harness the brain's innate pain-relieving pathways. By simulating hand movements and positions that would otherwise be too painful or not possible to perform, Nottingham holds the promise of enabling improvements in both pain and function. This therapy is available to anyone with a smartphone, costs a fraction of pain medication or procedures, and does not carry the side effects and risks of other pain treatments. Nottingham is a truly innovative, promising approach for the treatment of chronic hand pain caused by arthritis.

A handwritten signature in black ink, appearing to read "Carter Jones", with a large, stylized initial "C" and "J".

R. Carter W. Jones III, M.D. Ph.D.