



CellSonic



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Dupuytren's contracture with CellSonic

Dupuytren's contracture can be almost totally cured using CellSonic's electro-hydraulic shockwaves. This is a non-invasive, drug free treatment that takes about five minutes. Sudden bursts of sound are directed into the palm and fingers to loosen the tightening cells pulling the fingers.

The vital characteristic of a shockwave is that from zero decibels to high must happen in a few nanoseconds. To achieve that, CellSonic flashes 25,000 volts across a one millimeter gap inside water and the sound wave projected through gel into the hand which is also acting as water.

The fast moving sound wave hits the tightened cord and stretches it. Moreover, it activates stem cells to migrate to the site because through the nerves the brain has detected a problem and is instructing white blood cells to make a repair. The patient will feel the shockwaves and it will be uncomfortable, some would say painful, but do tolerate it because the nerves are sending a necessary message to the brain. An anesthetic would block that message and the immune system will not be activated.

The fastest rise time of decibels is achieved with the CellSonic machine so fewer shocks and fewer treatments are needed. The recommendation is for 1,000 shocks at energy level 5 using a shock head focused at 5 mm. Aim the shocks on the area of the palm and the fingers where the tightening is apparent, keeping the shock head sliding gently around on the gel. If another treatment will help, do it two weeks after the first. Improvements are still taking place a year after the last treatment. This is because the shockwaves are causing new cells to grow thanks to the stem cells.

Dupuytren's contracture involves similar cell damage to that experienced with plantar fasciitis, Lederhose's Disease and Peyronie's disease. They can all be treated with the same protocol described above except Peyronies needs fewer shocks at lower energy level.

There are no side effects and that has been proved over the last 40 years because the same technology has been used with much more powerful machines to break kidney stones and millions of patients have been treated without side effects. Other applications with shockwaves include healing wounds because they kill infection, repairing broken bone, treating sports injuries and releasing pain. In Germany, CellSonic shockwaves are being used to reduce cellulite and this will soon be marketed in other countries.

