

# Piezoelectric Resonance Technique for treatment of chronic cervical stenosis: A case report

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**Objective:** Piezoelectricity exists in the human body when stress or mechanical excitation is applied directly to the crystalline structure of bones. It has also been found recently in collagen, cartilage, tendons, teeth, the trachea, intestines, muscle fibers and blood vessels. Kenneth and Lisa Davis experimented with clinical applications utilising Quartz Crystal and Gemstones to treat various patient conditions and found that the sternum has reflex points acting as a mirror image of the spine. Clinically these reflex points are believed to relate to organ dysfunction or spinal misalignment upon the sternum and are associated with a piezoelectric effect.

**Case History:** A 55-year-old man, presented with chronic cervical spinal stenosis at C5-7 levels and associated left sided radiculopathy, diminished deep tendon reflexes of biceps and triceps and loss of left grip strength, was noted. Cervical ranges of motion were all restricted with muscle weakness of anterior neck flexors, left sternocleidomastoid muscle, left upper trapezius, and left anterior scalene muscle. Sacro occipital technique (SOT) cervical compaction/compression test was positive for cervical involvement and the SOT cervical stair step assessment revealed restricted motion at C4-7 levels. The patient noted that he had received multiple chiropractic spinal manipulative treatments by various doctors without any improvement.

**Treatment:** The procedure involves assessing any change in strength of the right arm by placing the back of the patient's left hand to the left of the sacrum and this region is called the Piezoelectric Vital Force Indicator. If weakness is noted of right arm upon left hand placement this indicates the need for the Piezoelectric Resonance Technique. With this positive test, the doctor palpates the six sternal piezoelectric reflex point determining the most sensitive of the points and sometimes there may be more than one point that could be extremely sensitive. With this patient palpation of the six sternal piezoelectric points revealed extreme sensitivity of sternal point number 2, which is the indicator for a cervical primary condition.

A specifically calibrated quartz crystal, determined by LD utilising her method of care entitled Etheric Modification Therapy (Harmonics), was tapped with left index and middle finger, six times, and then again, seven taps. It was found clinically that this activated the piezoelectric resonance in the quartz crystal, with which this patient was placed on the cervical sternal point with tip of crystal facing upward towards sternal notch for two minutes.

**Results:** Following the two minutes of care the patient reported a deep sense of tingling, warmth and relaxation. After approximately another two minutes, the patient was instructed to stand and cervical ranges of motion were again evaluated with an 85-90% improvement in all ranges of motion. There was a 50% improvement in his grip strength and triceps and biceps deep tendon reflexes were normal. The patient was treated twice a week for six-weeks focusing on the cranial, cervical, and upper thoracic sternal indicators over the six weeks (twelve treatments) using Piezoelectric Resonance Technique. At the six-week mark the patient was asymptomatic with full range of cervical mobility, deep tendon reflexes were within normal limits, grip strength of left hand was within normal limits, prior muscle weakness was not noted, and no apparent radiculopathy was present.

**Conclusion:** This represents one of the first case reports utilising the Piezoelectric Resonance Technique in the literature. With novel techniques that involve hands on energetics, reflex stimulations and muscle testing it is very difficult to determine the actual mechanism of physiological action. Low risk interventions that yield significant patient outcomes while difficult to study may still warrant clinical investigation and use in chiropractic practice when other procedures have proved ineffective. Further research is needed into the Piezoelectric Resonance Technique to determine what subset of patients might be best suited for this method of care and if the outcomes are reliable and consistent.

**Indexing terms:** Chiropractic; Piezoelectric Resonance Technique; crystal; Etheric Modification Therapy; harmonics; sacro-occipital technique.



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*See also*

Davis KY, Davis LV. Energy Medicine and Gemstone Harmonics: A History of Harmonics Development and a Case Report. Asia-Pac Chiropr J. 2022;3.1 URL [apcj.net/papers-issue-3-1/#DavidDavisGemstoneHarmonics](http://apcj.net/papers-issue-3-1/#DavidDavisGemstoneHarmonics)

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