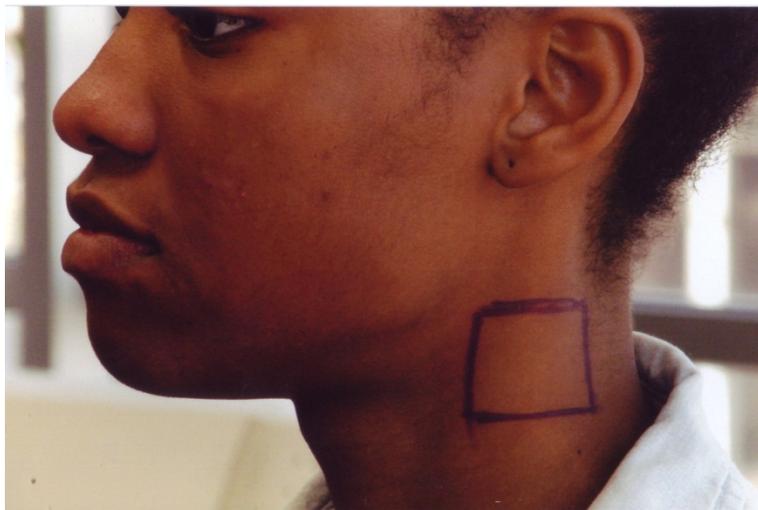


VERTIGO

Vertigo is defined as a sensation of “whirling”, causing a loss of equilibrium by the suffering individual. It is generally associated with various disease processes that affect or disrupt the function of the reticular formation of the inner ear (though various central nervous system malfunctions may sometimes be at fault). Most forms of Vertigo are untreatable through Physical Therapy but are amenable to medical treatment of various kinds. There are exceptions, however, in some cases, where certain individuals without serious pathology may not respond to the various medical approaches but will respond to Physical Therapy. The basic etiology behind these exceptions is unknown and

unclear. However, these individuals show a characteristic inflamed zone, as defined by DSR survey, on one or both sides of the neck just distal to the ear (as illustrated below). It is thought (by the author), that this zone of high skin resistance may represent an “infection” or other inflammation process of some *unknown* nervous component that affects an element of reticular formation function to the degree of causing Vertigo. This conclusion was reached when individuals suffering from this particular form of Vertigo responded to treatment utilizing ultrasound that has proven effect for treating some viral (Shingles) surface bacterial infections.



The high skin resistance pattern associated with a particular form of Vertigo

Treatment

Ultrahigh frequency sound has been shown to be a successful mode of treatment of a particular form of Vertigo, when applied in combination with soft tissue manipulation.

Application:

- Preset an ultrasound unit to deliver a 3 (or 3.3) MHz pulsed waveform, at 1.8 W/cm². Ultrasound the inflamed zone(s) utilizing an effective non-steroidal anti-inflammatory as a coupling agent, for six minutes.

- Manipulate the tissues in and around the inflamed zone to eliminate any adhesions that may be present.
- When twenty minutes has elapsed, after the first ultrasound application, ultrasound the inflamed zone again, as before.

This treatment often serves to **immediately** relieve the Vertigo. Historically, only one or two treatments have been necessary to completely relieve those *susceptible* to this kind of treatment.