

**Teslar Technology**  
**Scientific Research, 2004**  
**National Institute of Physics, Kiev, Ukraine**

**Talking Points**

1. Molecular Chaos to Order

Exposure to the TC was found to have an affect on certain electrical characteristics of water-based solutions, which researchers claim is due to the polarization and alignment of water molecules into a more coherent structure.

**The Point:** When a system is coherent, less energy is wasted, because of the internal synchronization of the parts. Since the body is made of as much as 70% water, this ‘coherency effect’ may be key in helping the body’s electric / electromagnetic communication systems (nerve impulses, etc.) operate with increased efficiency. While further research is necessary, this may help explain the Teslar effect experienced by many Teslar wearers – described as “an energized calm” – as well as reports of (a) improved concentration and ability to focus at work; (b) increased levels of energy; and (c) an over-all improvement in well-being.

2. Electromagnetic Frequencies in Blood Plasma

In this experiment, researchers showed that exposure to the TC may cause certain wavelengths of electromagnetic (EM) energy to slow down in a blood plasma solution.

**The Point:** Although further research is necessary, this experiment may help explain the TC’s reported affect on many PST wearers routinely exposed to low-energy electromagnetic field producing devices such as cell-phones, computers, etc. It may be that the changed behavior of external EM energy in blood plasma helps wearers resist or reduce the potential ill-effects of exposure to such devices, accounting for past wearers’ reports of (1) deeper, more restful nighttime sleep; (2) more calm and less tension in normally stressful situations; (3) improved concentration and ability to focus at work; (4) increased levels of energy; (5) an over-all improvement in well-being.

**Side note:** During this experiment, researchers noted that the observed affect of TC exposure on EM energy in blood plasma solution continued for an unspecified period of time after removal of the TC. This is consistent with the manufacturer’s observations that the ‘Teslar effect’ may last for some time after removal of the PST watch, particularly for long-time wearers.

3. Less Molecular Shaking, More Molecular Stability

Exposure to the TC was shown in lab experiments to affect: a) the internal vibrational dynamics of certain crystals; b) rates of molecular vibration at particular frequencies under certain conditions; c) the crystal formation of an oxygen-saturated amino acid solution.

**The Point:** Molecular vibration (kinetic energy) is associated with temperature and at higher vibrations can lead to a breakdown of molecular bonds, which biologically can result in denaturing of proteins (proteins losing functionality). Since the TC has been shown to help reduce molecular 'shaking', it is possible that this be may be a contributor to the prevention of premature denaturing and misalignment of biological proteins. While further research is necessary, this 'vibration suppression' effect may be associated with less protein breakdown in the system, and thus may help explain past wearers' reports of (a) increased levels of energy, and (b) an over-all improvement in well-being.