

# Biomagnetics

Stephen Levine  
Director of Research  
and Development

***Solid state unipolar magnets first studied in U.S. by Albert Roy Davis & Walter Rawls***

***North pole energy reduces inflammation;  
South pole energy stimulates acid metabolic responses***

**G**rowing evidence suggests that magnetic energy fields play an important role in maintaining health. Extensive animal studies and clinical observations indicate that there are separate and profound biological responses to north and south pole energies.

The biological application of solid state unipolar magnets was first studied with animals in the U.S. by Albert Roy Davis, a biophysicist of Jacksonville, Florida. Davis, and his associate Walter Rawls, discovered that north and south poles have distinct and opposite effects on an organism. North pole magnetic energy can reduce acidity in biological systems. Various processes are acid provoking: e.g., infection, addiction, allergy, and toxicity. Acid states may produce inflammation of tissues. North pole energy was also found to reduce inflammation. It was also seen to relax muscles, help relieve pain and to be generally physiologically normalizing. South pole energy stimulates acid metabolic responses, can increase pain, irritate tissues, and increase inflammation. Even brain physiology and the emotions have been shown to be influenced by magnetic fields.<sup>1</sup>

How can magnetic energies have such profound effects on biological systems? All of the causative mechanisms have not been fully explained but discoveries in the study of biomagnetics have led to some valuable diagnostic and therapeutic tools such as: the magnetoencephalogram, nuclear resonance imaging, and the diapulse (an electromagnetic instrument effective in relieving post traumatic or post surgical edema). It is known that DNA has a north and south pole polarity in its double helix configuration. The constituent amino acids are all north pole oriented (l-amino acids). Every cell in the body, therefore, has a capacity to respond to magnetic fields.

Both poles are essential to life. When there is an imbalance between north and south pole magnetic energies, ill-health can result. Philpott<sup>2</sup> states that many influences may disorder biological magnetic energies.