

## Data Sheet 1

### Observed *Magnafield*® Effects

*Magnafield*® successfully uses extremely low frequency, low power multiple form pulses. The oscillating electro-magnetic forces work in conjunction with a group of specific harmonics which are introduced through the body subjecting nerve and other cell tissue to changing electrical potentials which induce an analgesic effect and promote the healing of damaged tissue. The main effect of *Magnafield*® is at the cellular level.

The following general effects of the *Magnafield*® can be referenced from hundreds of medical, veterinary,, complementary medicine, scientific papers and journals. Many other associated effects have been noted in clinical practice.

- 1. Ionic transfer - calcium, potassium, and sodium balanced may be restored**  
*(Essential for normal cell function & health)*
- 2. Protein synthesis may be increased and absorption rate can be increased**  
*(Cellular uptake providing healthy tissue and muscle elasticity)*
- 3. Acid/alkaline pH balance may be improved, particularly if too acidic**  
*(May assist with digestion; also helps with some arthritic conditions)*
- 4. Inflammation, swelling and pain may be reduced at 0.05Hz to 3Hz (Temporary Relief)**  
*(Important phase prior to promotion of the healing process)*
- 5. Cell regeneration and healing may be assisted: Oxygen transport and cellular uptake improved at 5Hz, 8Hz and 10Hz**  
*(Helps to promote good health)*
- 6. Blood flow, peripheral circulation may be enhanced (Especially at 12-15Hz)**  
*(May improve peripheral circulation, healing rate and reduce risk of more serious injury)*
- 7. Phagocyte cell production, T-cell and auto-immune system stimulation (0.5, 4 and 8Hz)**  
*(For health maintenance and improvement)*
- 8. Endorphin, enkephalin, serotonin and nor-adrenaline release for pain inhibition**  
*(Stimulating the body's own natural pain inhibitors – temporary relief)*
- 9. Synchronisation of dominant brain waves (0.5, 1 and 10Hz)**  
*(Assists with co-ordination and balance)*

#### References:

Modern Bioelectricity, Marcel Dekker, A. Marino, NY, USA 1988

Discovery of Magnetic Health, GJ Washnis, RZ Hricak, Nova Publishing USA 1993

