

NEUROELECTRIC THERAPY (NET) IN CHEMICAL ADDICTIONS

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ABSTRACT

NeuroElectric Therapy is a cost-effective 10-day treatment for all drug dependence (4 days for nicotine) by a transistorized, pre-programmed electric stimulator, which rapidly reduces both acute and chronic withdrawal symptomatology without administering drugs, and with no negative side-effects.

It is hypothesized that NET acts by specific electrical frequency stimulation of endorphin production that has been decreased due to chronic substance abuse. There is possibly a chain effect on other neurotransmitters, since both craving and anxiety are demonstrably diminished.

NET used in our rat models shows that cortisol, serotonin and hepatic enzyme activity are significantly altered.

A seven year follow-up of NET treated patients found that 98% were successfully detoxified and that between 1 and 8 years later, 80% were free of their substance abuse. Forty-two percent of these drug-free patients had no structured rehabilitation following the 10 days of NET. *NeuroElectric Therapy (NET), Cranial Electrotherapy Stimulation (CES), addictions, drugs, alcohol, nicotine, cost-effective*

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INTRODUCTION

Chemical addictions are a world-wide problem, even in developing nations, and one of the great medical searches of history has been to find a cure for substance abuse.

I was presented with a possible solution in Hong Kong in 1972 when I and my colleagues experimented with electro-acupuncture analgesia for our surgical operations. Two hospital patients on whom we tried it, independently told my Chinese neurosurgical colleague Dr. Wen that they had been suffering from heroin withdrawal symptoms, because they could not obtain heroin while in hospital. They claimed that the electro-acupuncture Dr. Wen had given them had not only stopped their withdrawal symptoms, but had made them feel as if they had had an adequate dose of heroin. The euphoria lasted an hour, and then the acute withdrawal returned. With another treatment, withdrawal again disappeared.¹

This was the genesis of what developed into NeuroElectric Therapy or NET² (filed by the Food and Drug Administration as CES or Cranial Electrotherapy Stimulation). The Chinese pulse-generator device used at that time happened to deliver the pulse frequency that was later established as appropriate for heroin. Observation and research indicated that it was neither the acupuncture needles nor the acupuncture system that was producing the good effects, but the electrical signals.³

When I returned to England in 1973, I stopped