

Review Article

## Unveiling the Quantum Nature of Acupuncture and its Analgesic Effects

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### ABSTRACT

Acupuncture, an ancient healing practice, has long been associated with pain relief and therapeutic benefits. Recent advancements in understanding its mechanisms reveal the presence of electrically conducting ellipses, known as acupuncture points, embedded within the body's semi-conducting tissue along specific pathways called acupuncture meridians. Mathematical models, particularly nonlinear equations, have been instrumental in describing the behavior of these acupuncture meridians, predicting the existence of both electric impulses and waves emanating from treated acupuncture points. While electric impulses have been experimentally measured, the discovery of waves only came later, confirming the predictions of the mathematical model.

Pain, often described as the body's cry for help, manifests as a wave signal transmitted along the acupuncture meridian to the brain. Acupuncture treatments that induce waves have the potential to block the propagation of these pain-impulse waves, thereby providing analgesia and pain relief. This phenomenon forms the basis of acupuncture's efficacy in managing pain and even anesthesia, enabling painless surgical procedures with accelerated recovery times.

This paper explores the role of acupuncture waves in analgesia, elucidating the intricate mechanisms behind acupuncture's therapeutic effects and its application in pain management and anesthesia.

**Keywords:** Acupuncture Analgesia; Acupuncture Waves; Pain Relief Mechanisms; Acupuncture for Anesthesia; Mathematical Modeling of Acupuncture.

### INTRODUCTION

Acupuncture, a practice with roots tracing back to ancient China, has been utilized for over 2,500 years for its remarkable ability to provide pain relief, known as analgesia. Its efficacy in pain management has rendered it invaluable in medical settings, even serving as an anesthetic for surgeries since antiquity. Traditional chemical anesthetics, commonly used in modern medicine, often leave patients drowsy and result in a slow recovery process due to their traumatic effects on the body [1].

Contrary to chemical anesthesia, acupuncture anesthesia offers a distinct advantage with its absence of drowsiness and expedited recovery post-surgery [1]. Research conducted in Bulgaria highlighted the superior recovery outcomes associated with acupuncture anesthesia compared to traditional chemical methods.

### Experimental Confirmation of Predicted Waves

The acupuncture meridians, conduits through which pain propagates, are characterized by electrically conducting

ellipses known as acupuncture points. Embedded within the body's semi-conducting tissue, these acupuncture points are aligned along the acupuncture meridians, spaced approximately 2 centimeters apart. Due to the electrically inhomogeneous nature of the medium, mathematical descriptions of acupuncture meridians necessitate nonlinear equations, offering multiple solutions, including electric impulses and waves.

While electric impulses originating from acupuncture points and propagating along the acupuncture meridians had been measured by Chinese researchers, the existence of waves remained unexplored until later. Bold predictions asserted that every acupuncture treatment would generate waves traveling along the acupuncture meridians. Subsequent research efforts, spurred by these predictions, yielded experimental confirmation of these waves, validating the theoretical framework proposed [2]. Further investigations revealed that waves are not only generated during acupuncture treatment but also continuously run along the acupuncture meridians, with treated acupuncture points modifying their propagation [2].

#### **Understanding the Nature of Constantly Running Waves**

The nature of the waves perpetually coursing along the acupuncture meridians remained a subject of inquiry. Drawing from insights gleaned from lifelong studies of the aura, these waves were elucidated as manifestations of the Nonlinear Electromagnetic Field (NEMF) of the aura, capable of imprinting information [3]. Functioning as informational carriers, these NEMF waves traverse the body, scanning the environment and relaying vital information to the brain to facilitate adaptation. In instances where significant environmental changes are encountered, such waves play a crucial role in guiding evolutionary processes, first altering the NEMF and eventually leading to changes in DNA, potentially heralding the evolution of new species [4].

This paper explores the groundbreaking discoveries surrounding the wave nature of acupuncture, shedding

light on its mechanisms of action and implications for pain management and evolutionary biology.

#### **CONCLUSION**

The revelation of waves coursing along acupuncture meridians not only provides profound insights into the mechanisms underlying acupuncture but also unlocks new avenues for pain management and medical intervention. These waves, essential for adaptation and evolution, serve as conduits for the propagation of pain signals, conveying the body's distress to the brain.

Acupuncture, by generating waves, intercepts and disrupts the transmission of pain signals along these meridians, yielding potent analgesic effects. Furthermore, the ability of acupuncture to block pain signals enables painless surgeries with rapid recoveries, circumventing the prolonged recovery times associated with chemical anesthetics.

Armed with the knowledge that acupuncture achieves pain relief through wave generation, the door opens to the development of novel technologies harnessing wave-based approaches for pain management. These innovative modalities hold promise not only for alleviating pain but also for revolutionizing surgical practices, offering swifter recoveries and minimizing the traumatic effects of conventional chemical anesthesia.

The pursuit of these advancements promises to usher in a new era of pain management and surgical care, marked by enhanced efficacy, reduced recovery times, and improved patient outcomes.

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