Extra corporeal oxygenation & ozonation, EBOO & aquapheresis method of Ozone Therapy, clinical application in chronic diseases

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ABSTRACT

INTRODUCTION

The top 10 causes of death around the world are usually ranked with heart diseases, cancers, drugs/medication/iatrogenic chemicals, strokes etc. These are totally detectable, predictable, avoidable, preventable because it is classified as non-communicable diseases. Acute diseases are denoted by acute inflammation which has intensive cell-cell communications, resulting intensive repair rebuilding rehabilitation and it is life extending. Often it is self defensive and we over come it.

The real culprit for chronic diseases is chronic inflammations, denoted by constant & silent, undetectable & insensible lost of cell-cell signaling, basement membrane disease, tight junction destructions, mitochondrial dysfunctions, mismatched metabolism, nutritional losses, mineral depletion, hormonal imbalances, opportunistic antigenicity wasting away the helpful immunity, leading to immune senescence & stem cell depletions eventually leading to chronic degeneration and devastating incapacitated regeneration ability. Often it is self destructive and we usually succumb to it.

Mitochondrial decay & incapacitation of oxygenation and aerobic respiration failure leading to chronic anaerobic conditions breeding many chronic diseases

Ozone therapy is one of the best method to reverse chronic diseases. Its hormetic response curve of 10 to 80 gamma units typically reveals the secret of ozone healing hormesis. The low dose concept is to be respected all time. And with in safety limits we can practice low & escalating dosage, with increasing in volume of blood exposure to ozone, to evolve from minor AHT to major AHT, all the way into continuous auto-hemotherapy via extra-corporeal blood circuits with the proper method. Its action on mitochondrial health and its regenerative power is well known and documented.

METHOD

1. Ozone properties & therapeutic applications & methods of extracorporeal circuits
2. EBOO / AQUAPHERESIS set up & therapy method
3. Safeties & precautions, limitations & patient selections
4. Selections of machines & GED gas exchange devices
5. Therapeutic steps for patient, and adjuvant photonic therapy
6. Post therapeutic monitoring & documentations
7. Clinical results of various cases treated with EBOO & AQUAPHERESIS
RESULTS

Definition of extra corporeal circulations method would be discussed. Original EBOO therapy method and scientific studies would be reviewed. A modified economical method of EBOO would be illustrated. A further improvised AQUAPHERESIS method of continuous blood ozonation / oxygenations would be illustrated and discussed. To ensure safety and long term success, selection of machines, materials, circuits, disposables, disposal of dialysates & ozone residue, all the way to selections of dialyzer & GED gas exchange devices would be discussed. Dangers of wrong machines and wrong GED/Dialyzers with related precautions to be considered during EBOO & AQUAPHERESIS would be discussed. A few case study would be illustrated and discussed