A clinic case of using math-physical medicine to study the risk probability of having a heart attack or stroke based on combination of metabolic conditions, lifestyle, and metabolism index

**Introduction:** The author has spent 8 years collecting and processing ~1.5 million data and researching medical conditions and lifestyle details on a patient (himself) with three chronic diseases, such as hyperlipidemia, type 2 diabetes (T2D), and hypertension. He suffered five cardiac episodes from 1994 through 2006. This clinic report focuses on his risk probability of having a heart attack or stroke due to his overall metabolic conditions based on medical records from the year 2000 and lifestyle management details collected since 2012. The author, who has no formal medical training, is a research scientist in the field of diabetes and metabolic disorders. His assessment emphasizes on the direct inter-relationship between metabolic syndrome and heart disease or stroke.

**Method:** Initially, the author established a “static baseline condition” based on the patient’s age, gender, race, family history, unhealthy habits, and waistline. Based on his readings from different medical publications, he has made two following assumptions: First, by using fluid dynamics concept, the author hypothesized that the major causes of blood flow blockage are due to high glucose and high cholesterol. Second, by using solid mechanics concept, the author speculated that the major causes of artery rupture are due to high glucose and high blood pressure.

**Results:** The author can discuss many detailed findings from his analyses; however, he will focus on risk probability of heart attack or stroke in this article. Although the data are slightly different for three different analyses numerically, these three trends of risk reduction when time progresses forward is identical, i.e. his risk probability of having a heart attack or stroke is reduced year after year. The calculated significant risk probabilities for this patient are shown in Significant Risk Probability of Heart Attack & Stroke.

1. 74% in 2000 (followed by three cardiac episodes during 2001 - 2006);
2. 69% in 2012 decreased to 26.4% in 2017;
3. The risk probability in 2017 is 26.4% using his mathematical dynamic models, which is compatible with 26.7% by Framingham Study;
4. Sensitivity range from all of those WF (weighting factor) variance analyses: +/- 10% to +/- 18%.

**Conclusion:** The calculated risk probability results have been validated by the patient’s health examination reports from hospitals over a long period from 2000 through 2017. From this study of big data dynamic simulation approach using math-physical medicine, it can provide the author, who has chronic diseases, an early warning of having another heart attack or stroke in the future.

**Biography**
Gerald C. Hsu has completed his PhD in Mathematics and majored in Engineering at MIT. He attended different universities over 17 years and studied seven academic disciplines. He has spent 20,000 hours in T2D research. First, he studied six metabolic diseases and food nutrition during 2010-2013, then conducted research during 2014-2018. His approach is math-physics and quantitative medicine based on mathematics, physics, engineering modeling, signal processing, computer science, big data analytics, statistics, machine learning and AI. His main focus is on preventive medicine using prediction tools. He believes that the better the prediction, the more control you have.

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Immediate healing for personality development

Statement of the problem: Clients receiving psychotherapy require several sessions even if with drugs and use of will power over time.

Purpose of the treatment: Achieving immediate non medicinal effortless painless healing without complications
For personality development, relief of neurotic disease, psychosomatic symptoms and diseases, treating emotional obesity and smoking.

Method: After joint analysis with Client and definition of psychological and physical goals of treatment, the healer as a trained behavioural, cognitive and logo psychotherapist arrives with client to a new corrected understanding of the case and roots of conflicts in childhood, taking around 2 hours, then in less than an hour performs nonverbal interpersonal hypnosis with transfer of energy and telepathy to client till deep sleep when he implants the required personality, ideas, emotions, motives and attitudes into the subconscious embodying the required state.
The subconscious and conscious mind will have same agreed upon analysis and targets for immediate results in that session of 3 hours.

Results: The healer got patent in Egypt 2016 for his discovery of The Immediate Healing for Personality Development and for mentioned purposes. Up till now treating more than 700 cases aging between 12 and 80 years with relief of more than 80% of cases either totally or mostly.

Conclusion: immediate non medicinal revolutionary life transforming healing for a wide spectrum of cases achieving higher grades of maturity, insight, harmony and efficiency saving client time, effort, interests and complications. Also used to maturate community leaders to be a trouble shooter model efficient leaders with team spirit.
In addition, it can be used to treat neurotic diseases, psychosomatic disorders, obesity, smoking addiction and insomnia.

Biography
Hadi Eltonsi, a medical graduate trained in group psychotherapy, hypnosis, silva mind control, NLP, Reiki Master, Pranic Healing, Life Couch, Mantra Yoga meditation among others courses for psychic powers, family constellation through his medical study and practice then as a diplomat and ambassador. He performed many TV, Radio interviews and seminars apart of two short American films about his work or inspired by his skills which were shown in international film festivals, the second got an award in Venice 2017.
A patient with thoracic outlet syndrome and the link to severe tachycardia

In this case report, we rendered a 60-year-old man with the diagnosis of arterial thoracic outlet syndrome. Patient had been diagnosed with severe intermittent tachycardia.

When the patient received corticosteroid injections in the scalene muscles the heart rate went from 110 - 140 bpm to a sustained 60 - 70 bpm immediately and sustained until the effects of the corticosteroid injection wore off. This led the patient to believe there was a direct connection between the thoracic outlet syndrome and the tachycardia.

During the examination the patient was tested with a pulse oximeter. When the patient protracted the shoulders the pulse oximeter showed no pulse and shut off. This test was repeated three times and each time the result was the same.

In one study the authors proposed that the stellate ganglion or postganglionic efferent sympathetic fibers forming the cardiac plexus are exposed to compression. We proposed this was also a possible cause of the rapid heart rate when the patient protracted of the shoulders. Due to this irritation, there can be an increase in the cardiac sympathetic activity. Another possible explanation is that there was a Low ejection fraction due to the blockage of blood flow in the arms.

After treating the patient with the integrated spring-mass approach the patients' thoracic outlet syndrome and tachycardia resolved simultaneously. We will review the possible etiology, examination and treatment protocols we used to reverse both the tachycardia and the severe thoracic outlet syndrome.

Biography

James Stoxen, is the president of Team Doctors®, Chicago, Illinois, one of the most recognized treatment centers in the world. He has been invited to give scientific presentations at over 60 medical conferences in Australia, Brazil, China, Columbia, France, Germany, India, Indonesia, Italy, Japan, Malaysia, Mexico, Monaco, Portugal, Russia, South Africa, Thailand, UAE, UK England, UK Scotland, UK, and throughout the United States. In 2015, he was awarded an honorary fellowship by a member of the royal family, the Sultan of Pahang, at the World Congress of Sports and Exercise Medicine for his distinguished research and contributions to the advancement of sports and exercise medicine on an International level. In 2018 he published a book, Neck Pain? Back Pain? Shoulder Pain? Could it be Thoracic Outlet Syndrome? which, became a #1 International Best Seller.

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