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New method of detecting various cancers & their biochemical information from ECGs was found. Using ECGs, we can screen cancers of the same patient & Lyme disease infections of various parts of the heart as one of major cause of atrial fibrillation

Yoshiaki Omura
Adjunct Prof., Dept. of Family & Community Medicine, New York Medical College, USA
Director of Medical Research, Heart Disease Research Foundation, USA
President, International College of Acupuncture & Electro-Therapeutics, USA

Introduction: During the past 10 years, the author successfully detected biochemical changes, bacterial and viral infections, and identifying the exact location of the infections of different parts of the heart by ECGs. Recently the author found that using ECGs, not only can information on the different parts of the heart be obtained, but various cancers existing in the body can also be detected.

Method: Various cancers existing at any part of the body were detected from rapidly changing QRS complex as well as rising part of T-wave of every ECG by detecting maximum Electromagnetic Field (EMF) Resonance Phenomenon between 2 identical molecules with the same amount using a simple method which received a U.S patent in 1993. From recorded ECGs, EMF Resonance Phenomenon between specific cancer microscope tissue slides and ECG were only detected from rapidly changing part of QRS complexes of ECGs & a part of rising part of T-waves, which corresponds to vulnerable period for Ventricular Fibrillation.

Results: Strong EMF resonance was found between not only rapidly changing dV/dt at QRS complex of ECGs, but also the author found even at rising part of the T-wave where change of dV/dt is insignificantly small. The author was able to detect caner of various organs including lung, esophagus, breast, stomach, colon, uterus, ovary, prostate gland, common bone marrow related malignancies such as Hodgkin's Lymphoma, Non-Hodgkin's Lymphoma, Multiple Myeloma as well as Leukemia. In addition, the author was also able to find when the patient had more than one different cancer at different parts of the body. Most of the medicine taken within 8-10 hours before taking ECG can be detected from part of QRS complex & rising part of T-waves. At Borrelia Burgdorferi (B.B.) infected part of ECGs we found significant decrease of Taurine & marked increase of ANP & cardiac Troponin I. At every cancer tissue, Taurine was markedly reduced.Thus, by comparing the same lead of ECGs before and after any treatment, the therapeutic effect of specific cancers or Lyme disease infection of B.B. spirochete infections of AF can be evaluated.

Discussion: If electrocardiogram is taken periodically we can find approximately when cancer information starts appearing in the electrocardiogram. Maximum information from cancer can be found in QRS complex where dV/dt is relatively large. This new concept and method can be applied to any recorded ECGs for detection and Screening of the cancer & infection including Lyme disease. Thus, ECGs can provide not only the information on the heart, but also can provide any single cancer or multiple cancers, which exist in any part of the body of the same individual.

Biography:

Yoshiaki Omura received Oncological Residency training at Cancer Institute of Columbia University & Doctor of Science Degree through research on Pharmaco-Electro-Physiology of Single Cardiac Cells in-vivo and in-vitro from Columbia Uni.. He studied & researched on EMF Resonance phenomenon between 2 identical molecules at graduate experimental physics dept.,Columbia Uni.. He published over 270 original research articles, many chapters, & 9 books. He is currently Adjunct Prof. of Family &Community Medicine, NY Medical College; Director of Medical Research, Heart Disease Research Foundation of NY; President & Prof. of Int'l College of Acupuncture & Electro-Therapeutics, NY; Editor in Chief, Acupuncture & Electro-Therapeutics Research, Int'l Journal of Integrative Medicine, (indexed by 17 major int'l Indexing Periodicals); Editor of Integrative Oncology. Formerly, he was also Adjunct Prof. or Visiting Prof. in Universities in USA, France, Germany, Italy, Ukraine, Brazil, Portugal, Turkey, Serbia, Japan, Korea, Taiwan, & China.