

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)
Human Physiology in Space (2)

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NOVEL ELECTROMAGNETIC IMAGING AND VOICE ANALYSIS SOFTWARE TO PASSIVELY
MONITOR HUMAN BIOMARKERS IN A GROUND-BASED PILOT STUDY**Abstract**

Every cell and organ in the body have their own vibrational frequency or oscillation. When these oscillations are disrupted by injury, diet, stress, or emotion, there is a measurable disruption of that biological function.

A lack of familiarity and access to timely, reliable bioinformatics data on the status of human frequencies and biomarkers continue to inhibit understanding of human physical and mental health. Moreover, a lack of research and science on actively monitoring the progression of health, symptoms, and diseases with frequency resonance biotechnology limits understanding on human health on Earth and in space.

AO Scan is a voice and body analysis software that analyzes and conducts frequency resonance to monitor and attune 1,400+ human biomarkers by measuring and better balancing the magnetic field vector potential.

With a team of 15+ researchers and developers, Biofrequency Analytics is a US biotechnology firm and cloud-based SaaS company building the first frequency based data refinery and API of the human body from tailored data analysis on over 120,000 human frequencies and 1,400+ biomarkers derived from AO Scan Vitals Report and Comprehensive Reports.

In a ground pilot study, researchers remotely conduct non-invasive scans with up to 50 astronaut trainees at analog research stations and adult participants. Biofrequency Analytics will conduct remote scans over a twelve-month period throughout 2021 while generating full body biomarker assessments and customized reports tailored to the health of the participant. Researchers will establish biomarkers of interest to human spaceflight based on HRP risks and research areas, including but not limited to, food and nutrition, digestive organs, lymphatic system, and brain.

By comparing the results with proven methods such as blood testing and MRIs of scanned analog astronauts, we help determine the significance of numerical values and scan results to conduct point of care diagnosis.

This experiment is the first to integrate tracking purposes of AO Scan to develop an initial prototype that will outline the framework and build the ecosystem to introduce the biotechnology to space organizations and the global research community.

This study would culminate in one of the first peer reviewed research experiments on Earth to apply the use of low energy electromagnetic frequency resonance to monitor human health. The potential impact from the frequency-based body and voice analysis software holds the potential to significantly improve health monitoring and function of any human being in the Solar system and Universe.