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METAVITAL

Visualizing Biological Relationships

Irina Outkine,
Managing Director

Every cell in the body produces electromagnetic and biophoton-related activity. For healthcare practitioners, understanding how the resulting patterns relate across different anatomical structures and biological systems can be challenging. Individual findings may be visible, while broader functional relationships remain less apparent.

METAVITAL provides a structured way to help practitioners visualize and understand biological relationships and interactions across multiple systems. Multidimensional Non-Linear Spectrography (MNLS) serves as the analytical foundation of this approach, analyzing biophoton activity patterns and informational interactions to construct a probabilistic mathematical model of the organism. The resulting model enables practitioners to observe dynamic processes and informational changes across multiple anatomical and informational layers, supporting a more holistic understanding of the organism.

"Our technology supports a holistic understanding of dynamic processes within the organism, helping practitioners evaluate complex interactions across multiple systems," says Irina Outkine, managing director.

Supporting More Informed Biological Evaluation

Among the analytical patterns, entropy provides insight into irregularity, instability, and informational deviation within analysed structures. Increased entropy may indicate stress, imbalance or reduced functional stability. Visual entropy maps highlight areas of irregular informational activity and elevated entropy that may require further evaluation. Tracking these patterns can reveal changes and tendencies across the organism.

During an examination, practitioners view anatomical visualisations, entropy indicators, comparison values and functional markers within a single interface. The system presents these findings across multiple examination layers, supporting visual interpretation of complex data. A typical session begins with the creation or selection of a client profile and placement of biophoton trigger sensors, which serve as the communication interface between the organism and the METAVITAL system. Positioned on the temples or other signal-rich anatomical regions, depending on the analytical objective, the sensors support non-invasive acquisition of informational activity patterns.

Continuous analysis evaluates activity while displaying results in real time. Practitioners can move through anatomical layers and analytical modules to review findings and observe informational changes.

Turning Analysis into More Informed Evaluation

Practitioners can use additional modules to deepen and expand both the analytical and application-oriented possibilities of the system.

Heatmap provides a visual overview of informational intensity patterns , highlighting areas of increased activity within anatomical structures. Automatic Entropy Analysis then helps practitioners identify and classify entropy-related points more efficiently, allowing more systematic evaluations.

> OUR TECHNOLOGY SUPPORTS A HOLISTIC UNDERSTANDING OF DYNAMIC PROCESSES WITHIN THE ORGANISM, HELPING PRACTITIONERS EVALUATE COMPLEX INTERACTIONS ACROSS MULTIPLE SYSTEMS.

Once these patterns have been identified, IMES, an integrated infrared therapy module, uses analysis findings to recommend specific areas for therapeutic application. Using the biophoton trigger sensor, practitioners can apply modulated infrared radiation to support targeted therapeutic stimulation and energetic balancing.

REVIVAL builds on the informational patterns identified during analysis. As an electromagnetic resonance technology module, it assists practitioners in preparing resonance-informed support materials tailored to the analysed patterns. The resulting materials may be used in individualized supportive applications, including water or sugar globules.

These capabilities help practitioners interpret analytical findings, understand broader patterns and support individualized applications.

A recent session illustrates the approach. A client experiencing persistent fatigue, recurring headaches and reduced concentration had received conventional recommendations focused on managing symptoms, including pain relief and additional rest. Despite multiple consultations, the factors contributing to the client's condition remained unresolved.

Comprehensive evaluation using MNLS analysis and 4D screening revealed elevated entropy activity within respiratory-associated structures, digestive tissues and lymphatic-related areas. Additional findings suggested chronic inflammatory tendencies, microbiological imbalance patterns and functional stress responses.

Further assessment showed the identified patterns were functionally interconnected, revealing broader systemic relationships that changed the direction of the evaluation. This understanding informed targeted support recommendations, including dietary adjustments, hydration support, recovery measures and follow-up monitoring.

The same analytical foundation supports human and veterinary applications. HUMAN TS is designed for human-oriented evaluations. DOG VET and HORSE VET incorporate species-specific canine and equine anatomical databases and workflows.

METAVITAL supports a more holistic understanding of dynamic processes across the organism, helping practitioners observe and interpret biological interactions in a structured and visual way. HB