

VIVONOETICS

HOW VIVOSENSE™ CLASSIFICATION WORKS

Developments in sensor technologies make possible unobtrusive physiological measurement during day-to-day activities. To maximize use of these developments, researchers and clinicians are increasingly seeking novel indices to quantify disease progression, drug effects and physiological state.

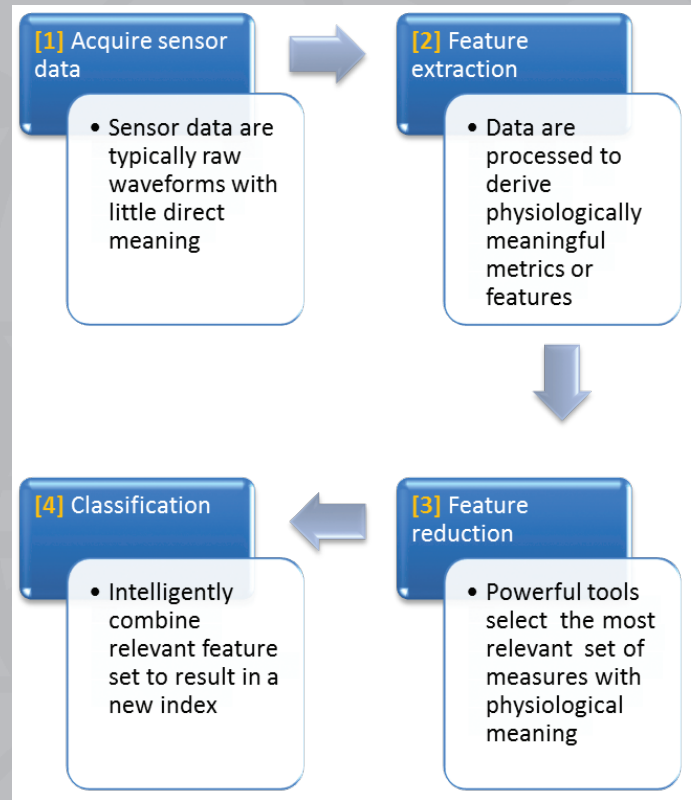
The development of a novel physiological index to quantify a biological event requires a thorough understanding of physiological data, substantial technical and scientific knowledge, and considerable time.

The VivoSense™ Classification Module is a sophisticated tool that efficiently facilitates the derivation, validation and sharing of new physiological markers.

- Design novel physiological markers at the push of a button.
- Requires no prior knowledge in machine learning, pattern recognition, statistics or model building
- Interface is intuitive and wizard driven
- New index is a VivoSense™ channel that may be distributed and shared with colleagues



BIOMARKER DEVELOPMENT WITH VIVOSENSE™ CLASSIFICATION MODULE



CUSTOMIZATION

Vivonoetics provides additional and specialized customizations services for VivoSense™.

Vivonoetics consults on the development of new biomarkers or indices.

Vivonoetics provides commercialization to researchers using VivoSense™.

Contact us to discuss additional desired functionality for the VivoSense™ framework and we will work with you.

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DEVELOP NEW PHYSIOLOGICAL MARKERS



Conceptual diagram showing how the VivoSense™ Classification Module can SELECT and COMBINE different VivoSense™ indices to result in a new physiological marker.

There are a vast number of ways to select and combine different measures. It is a daunting task to try to iterate through every possible functional combination to develop a new index. VivoSense™ Classification Module does this work for you by selecting the smallest and most meaningful set of measures. It then intelligently combines them to result in a powerful new index.