PhysioFlow® Parameters

Stroke Volume/Index

Heart Rate

Cardiac Output/Cardiac Index

Contractility Index

Early Diastolic Filling Ratio (Preload Index)

Systemic Vascular Resistance/Index (Afterload)

Left Cardiac Work Index (surrogate for MVO2)

Ventricular Ejection Time

Ejection Fraction (est.)

End Diastolic Volume (est.)

For Multiple Validated Applications

Cardiology/Heart Failure/6MWT/Pacing

Cardiopulmonary Rehabilitation

COPD/6MWT/Pulmonary Hypertension

Internal Medicine/Hypertension

Hemodialysis

Obstetrics

Physiology/Sports Medicine

Training Optimization/Overtraining

Intensive Care (pending local regulations)

Emergency Medicine (pending local regulations)

Clinical recommendations for AHA/EACPR cardiopulmonary exercise testing

Non-invasive and Direct Assessment and Monitoring of Cardiac Flow

Sensitive and Early Detection of Cardio-Vascular Abnormalities

Optimization and Individualization of Treatment Interventions

The combination of the low cost and ease of use, reduced limitations, zero risk and high performance makes PhysioFlow® the technology of choice to finally establish noninvasive hemodynamic diagnosis and monitoring as a standard of care.

INTERVENE MEDICAL
Enhancing Patient Outcomes

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www.physioflow.com   *Rev 1.7*

INTERVENE MEDICAL

The first and only CARDIAC OUTPUT technology fully validated for demanding medical applications and during exercise

PhysioFlow® Software

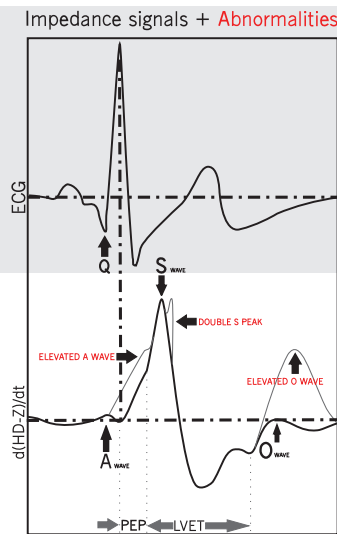- User friendly (intuitive operation, stability, MS-Excel and PDF reports available)
- Connected (interface with NiBP and VO2 systems, EMR)
- Innovative displays (hemodynamic performance graph, hemodynamic balance, signal abnormalities)

Advanced Technology

- Analysis of beat by beat heart impedance waveforms obtained noninvasively (6 chest surface electrodes)
- Elimination of the problematic impedance baseline (ZO) in the calculation of stroke volume
- HD-Z™ high performance signal stabilization filter for optimal motion artifact cancellation

Extensive Validations

- Non inferiority to invasive methods in absolute numbers (LOA <+- 28%)
- Superior inter-operator reproducibility (CV 3.8%)
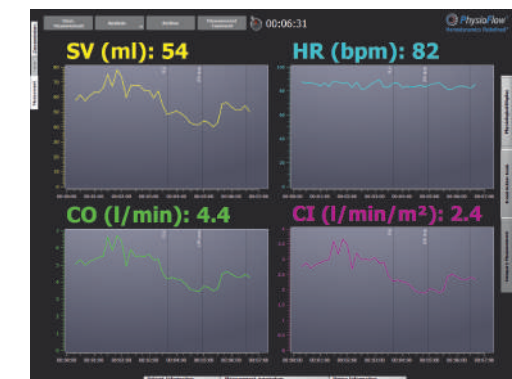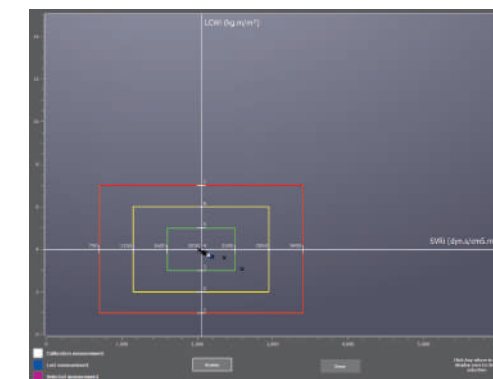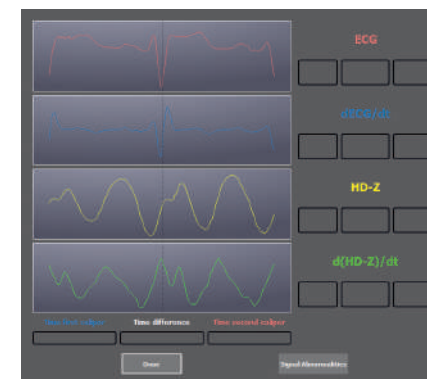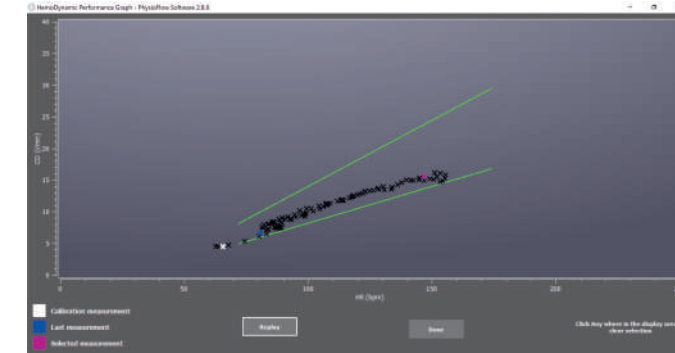- Superior sensitivity in detecting CV changes (LSC 7.6%)

Extensive Applications

- Works in extreme environments (high-performance athletes, aerospace, military...)
- Reduced limitations, even in intensive care
- Easy to use, cost effective and reimbursed in several countries

Impedance signals + Abnormalities

PhysioFlow® Enduro™ : From the lab to the field

PhysioFlow® has been further developed to include the latest advances in electronic and signal processing technologies. The result is PhysioFlow® Enduro™, the first holter-size wireless cardiac output monitor for real time recordings or use as data logger. A new filter technology for high performance noise cancellation (HD-Z™) is available as well. The combination of advanced hardware and embedded DSP software enables new applications in the field for trainers and exercise physiologists and more sensitive measurements for cardiac patients tested on treadmills.

PhysioFlow® Q-Link™ : The missing link in your diagnosis

PhysioFlow® Q-Link™ is connected to a computer via a USB port that provides communication and power. Its small size, easy set-up and user-friendly features combined with a cutting edge technology is a revolution in the world of hemodynamically guided diagnosis and therapy.

Based on the high-tech wireless Enduro™ technology, Q-Link™ features reduced costs and enhanced user friendliness (no batteries and computer connection through a simple USB port).

www.physioflow.com