MyNICaS™ Hemodynamic Monitoring Solution

Improve Cardiac Patient Outcomes and Reduce Readmissions

MyNICaS™ is a portable non-invasive hemodynamic monitoring solution designed for telehealth applications to provide full hemodynamic profiles including cardiac output and fluid status. The technology behind the system uses whole body impedance cardiography, and eliminates the need for invasive and expensive SWAN testing. The portable hemodynamic technology is integrated with our AGNES telemedicine platform so healthcare professionals can quickly run an analysis on a cardiac patient and then share it with a remote specialist during a telehealth visit.

Features:

- 100% noninvasive and easy to use – no need for patient to undress.
- Regional Impedance Cardiography – the only technology that measures effective cardiac output, effective cardiac power index and true peripheral resistance.
- Strong and clean signal, taken from the radial and posteriors tibialis arteries, results in high accuracy and reproducibility.
- The only Impedance technology that meets FDA guidelines for statistical bioequivalent to thermodilution.
- Provides continuous reading of Stroke Volume, Cardiac Output, Cardiac Power Index, Total Peripheral Resistance, Left ventricle systolic function and Total Body Water.
- Superior accuracy and reproducibility in comparison to competing thoracic impedance devices.
- Insurance reimbursable with CPT Code 93701
- Integrates with AGNES® telemedicine software to easily share live data and analysis with remote specialists.

Benefits

- Better manage CHF, hypertension and dialysis patients
- Understand a patient's hemodynamics PRIOR to them being symptomatic and make the necessary medical and dietary changes to keep them from going into heart failure.
- Treat cardiovascular patients in place to improve clinical outcomes and significantly reduce readmissions.
- Make better informed decisions for dialysis patients regarding more aggressive diuresis or need to increase vasodilation.
- Identify high risk patients early on and detect hemodynamic deterioration in advance of other clinical parameters.

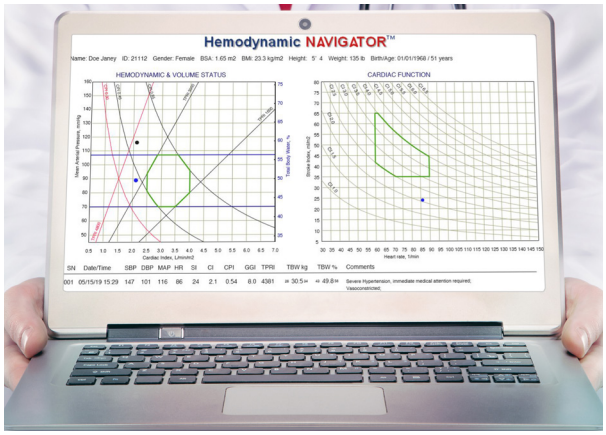
Full Hemodynamic Profiling for Cardiac Output and Fluid Status

Disease Management Applications

- CHF and Hypertension
- Sepsis early detection
- Chronic renal failure-dialysis dependent
- Cardiac transplantation-early detection of transplant rejection
- Cardiovascular impact of diabetes-early detection
- Cardiac reserve monitoring
- HIV cardiomyopathy, cardiotoxicity of ART-detection and monitoring
- Hemodialysis
- Hypertension Control

Easy-to-Interpret Reporting Views

- Standard mode - takes a single measurement.
- Comparative mode – compares cardiac function of patient in different situations.
- Trends mode – monitors a patient's cardiovascular status compared to previous tests



How it Works:

- Windows-based monitoring system can be integrated with existing telemedicine system PCs or we can provide one to you.
- No shaving or undressing is needed for the patient.
- Whole body impedance measurements are taken with easy-to apply sensors that adhere to patient's wrists and/or ankles.
- Test takes six minutes to set up and run analysis.
- Parameters collected during test include:
    - o Stroke Volume (SV)
    - o Cardiac Output (CO)
    - o Cardiac Power Index (CPI)
    - o Total Peripheral Resistance (TRI)
    - o Total Body Water (TBW)
    - o LV Function (GGI)
    - o Heart Rate
- Immediate actionable data is displayed in easy to interpret charts for specialist to review.
- Insurance reimbursable with CPT code 93701.

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