



# Inovocare Healthsoft Solutions Pvt. Ltd.

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Approved

Patented



## Non-Invasive Baro-Reflex Assessment – Combined System



FOUR PARA-SYMPATHETIC TESTS



TWO SYMPATHETIC TESTS



HEART RATE VARIABILITY



STAND-ALONE SYSTEM



COMPREHENSIVE REPORT



DIGITAL HEALTH ENABLED

All as per Ewings Tests recommended by the American Diabetes Association (ADA) as Gold Standard.

### Symptoms of Dysautonomia:



Dizziness on Sudden Posture Change



Urinary bladder Issues



Erectile Dysfunction



Recurrent Loose Motions at Night



Continued Abdominal Irritation



Exercise Intolerance

### Essential Test for:

- Diabetic & Elderly Individuals
- Patients with Neurological Disorders
- Patients with Autoimmune Disorders
- Individuals with Cardiovascular Conditions

### Our Patrons:



### Get in Touch:



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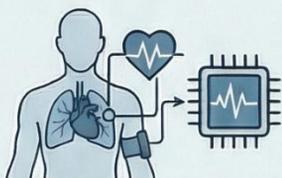
# NIBRA-CS: Portable Precision for Autonomic Neurofunction Assessment

## Non-Invasive Baroreflex Assessment – Combined System

### SYSTEM DESIGN & ARCHITECTURE



- **Fully Standalone Integrated Unit:** The system functions independently with an integrated touchscreen-based user interface, requiring no external laptop or proprietary software.



- **Real-Time Signal Acquisition:** Features embedded hardware for capturing cardiovascular signals which are digitally filtered and noise-mitigated in real-time.

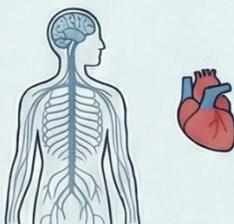


- **On-Device Clinical Reporting:** Immediately generates structured diagnostic reports post-test, compatible with EMR/EHR-oriented workflows and digital health ecosystems.

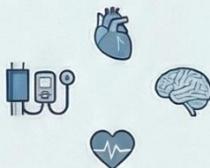
### DIAGNOSTIC CAPABILITIES



- **Heart Rate Variability (HRV) Indices:** Utilizes non-invasive methodologies to extract autonomic indices based on heart rate variability.

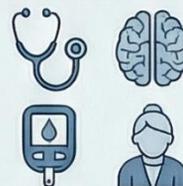


- **Cardiovascular Reflex Response Analysis:** Evaluates both parasympathetic and sympathetic function components through standardized autonomic testing protocols.



- **Baroreflex-Linked Assessment:** Provides a sophisticated analysis of baroreflex-linked autonomic responses, critical for detecting early-stage neurofunction decay.

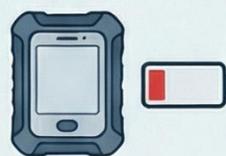
### CLINICAL UTILITY & DEPLOYMENT



- **Multi-Specialty Application:** Designed for use in diabetes care, geriatric medicine, neurology, Internal medicine, and preventive health screenings.



- **Diverse Deployment Settings:** Suitable for bedside use, OPDs, medical colleges, and community/Primary Health Centre (PHC) level point-of-care settings.



- **Low-Resource Portability:** The rugged, compact form factor and low power consumption make it ideal for peripheral and outreach healthcare programs.

### VALIDATION & REGULATORY STATUS



- **CDSCO MD-5 Licensed:** The system holds a manufacturing license and a granted patent, ensuring compliance with medical device regulatory standards.



- **500+ Clinical Tests Completed:** Validated through pilots in both government and private clinical settings under Institutional Ethics Committee approvals.



AIIMS Kalyani



**NASSCOM**  
Foundation

- **AIIMS Kalyani Validated:** The system has successfully completed clinical validation at AIIMS Kalyani and is currently undergoing PHC-level integration with the NASSCOM Foundation.