

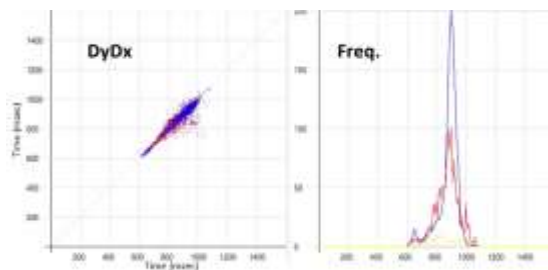


HeartTrends® Test Report

Subject ID: 123451
 Subject Name: Avi
 Started on: 2018-06-04 12:41
 Test Duration: 63 minutes
 Gender: Male
 Birth Year: 1965
 Weight (kg): 80
 Heart Rate BPM (avg.): 83
 HeartTrends Score (DyDx) **3.31**

Health Factors

Diabetes	<input checked="" type="checkbox"/>	Family history	<input type="checkbox"/>
Ischemic Disease	<input type="checkbox"/>	Renal failure	<input type="checkbox"/>
Pacemaker	<input type="checkbox"/>	Hypertension	<input type="checkbox"/>
Myocarditis	<input type="checkbox"/>	Smoking	<input checked="" type="checkbox"/>
Beta Blocker	<input type="checkbox"/>	Cardiac Surgery	<input type="checkbox"/>
Atrial Fibrillation	<input type="checkbox"/>	Dyslipidemia	<input type="checkbox"/>
Medications	<input type="checkbox"/>	Other	<input type="checkbox"/>



HeartTrends® Test Report Explained

HeartTrends is a diagnostic test identifying myocardial ischemia at least as reliably as an exercise stress test in individuals without known coronary artery disease. This clinically proven test analyzes 20 minutes of heart rate data wearing a standard recorder without any stressful maneuvers or heart strain. It is intended for screening patients without known coronary artery disease (CAD), offering a new, *additional* “risk factor” for enhanced patient diagnosis. HeartTrends is based on a clinically proven heart rate variability analysis (American Journal of Cardiology, 2015; 115:1518). Prior studies have shown that low HRV (associated with sympathetic and parasympathetic imbalance) identifies subjects with increased risk for all-cause mortality, and cardiac events. The HeartTrends test enables identification of active myocardial ischemia based on the fact that there is also an imbalance between sympathetic and parasympathetic activity among subjects with significant coronary artery disease. Data from prospective multicenter clinical trials indicate that the test is a highly sensitive, noninvasive tool for the early detection of myocardial ischemia, thereby providing an important risk assessment and re-stratification tool.

HeartTrends results are easily interpretable and can be dichotomized as follows:

- DyDx value of < 2.0 reflects a positive result: indicates increased likelihood for the presence of significant coronary artery disease, with a sensitivity of 60%-70% (compared with 30%-50% associated with conventional exercise testing).
- DyDx value of ≥ 2.0 reflects a negative test: indicates a very low likelihood for the presence of significant coronary artery disease, with a Negative Predictive Value of 97%.

Professor Ilan Goldenberg, MD
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*HeartTrends has CE certification in Europe and is approved for use by the Ministry of Health in Israel

www.HeartTrends.com