

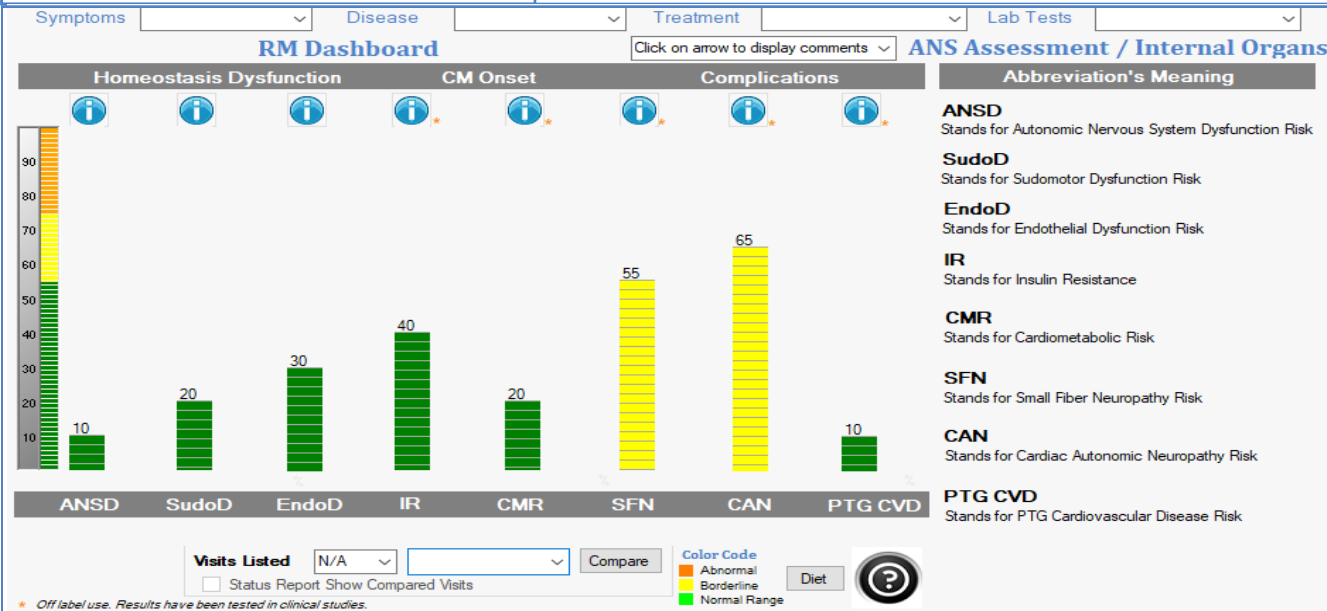
Patient Name:	Alan Davis
Weight:	154 Lbs BMI: 25.7
Height:	5' 5"
Date of birth:	9/17/1946
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Clinical Context	Comments And Suggestions Of The Risk Analysis
	<p>ANSd: No autonomic dysfunction detected.</p> <p>SudoD: Mildly reduced C-Fiber velocity</p> <p>EndoD: The result is in normal range.</p> <p>IR: The result is in normal range.</p> <p>CMR: The result is in normal range.</p> <p>SFN: Borderline result. Further supplementary exams comprised in Toronto Clinical Neuropathy Score are suggested.</p> <p>CAN: Borderline result. If the patient undergoing a diabetic treatment, target HbA1c according to the hypoglycemia risk. Moderate failure of parasympathetic response. Mild sympathetic over response is detected.</p> <p>PTG CVD: The result is in normal range.</p>
Observations	



* Off label use. Results have been tested in clinical studies.

The correlations between 2h- OGTT Glucose and Cardiometabolic Risk score (CMRS) were: $r = 0.56$ ($p = 0.003$).

Small fiber neuropathy risk using the sudomotor response score had a sensitivity of 91.4 % and specificity of 79.1% to detect diabetic neuropathy symptoms score ≥ 1 .

PTG CVD is calculated from the PTG Spectral Analysis markers. Comparing group with CAD and control group, spectral Analysis Markers have a sensitivity of 84.6% and specificity of 96.8% to detect CAD. Off label use. Results have been tested in clinical studies.

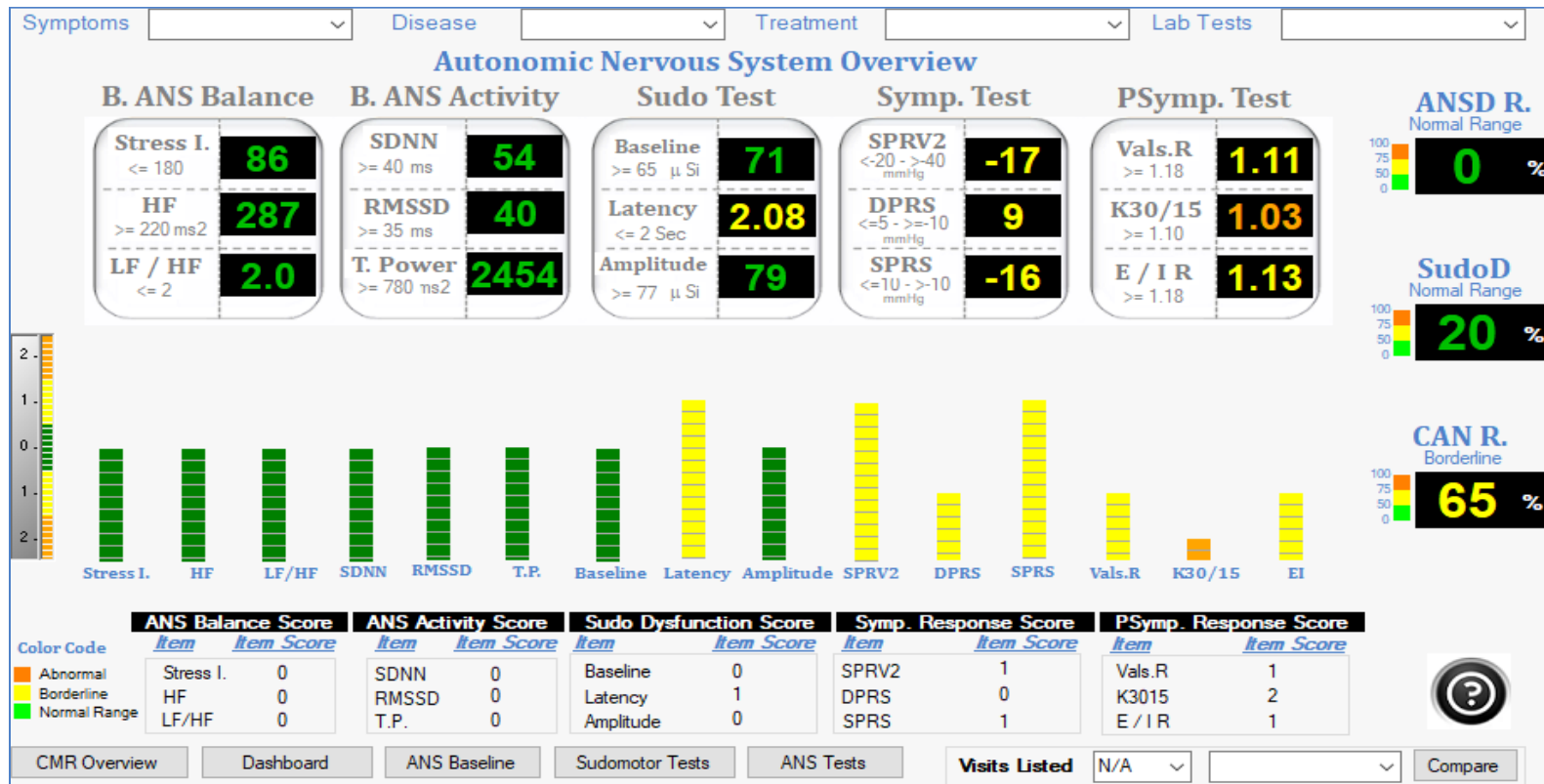
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Risk Factors Chart Meaning:

STRESS.I = Marker of sympathetic activation

HF = Marker of parasympathetic activity

LF/HF: Marker of mental stress

SDNN = Marker of ANS activity

RMSSD = Marker of parasympathetic activity

T.P. = Marker of ANS overall activity

Baseline = Marker of microcirculation

Latency = Marker of the sweat nerve velocity

Amplitude = Marker of the sweat gland function

SPRV2 = Marker of norepinephrine response

DPRS = Marker of adrenergic response

SPRS = Marker of adrenergic response

VALS.R = Marker of baroreceptor response

K30/15 = Marker of cardiovascular function

E/I R = Marker of parasympathetic response

ANS D R. = ANS Dysfunction Risk

SFN R. = Small Fiber Neuropathy Risk

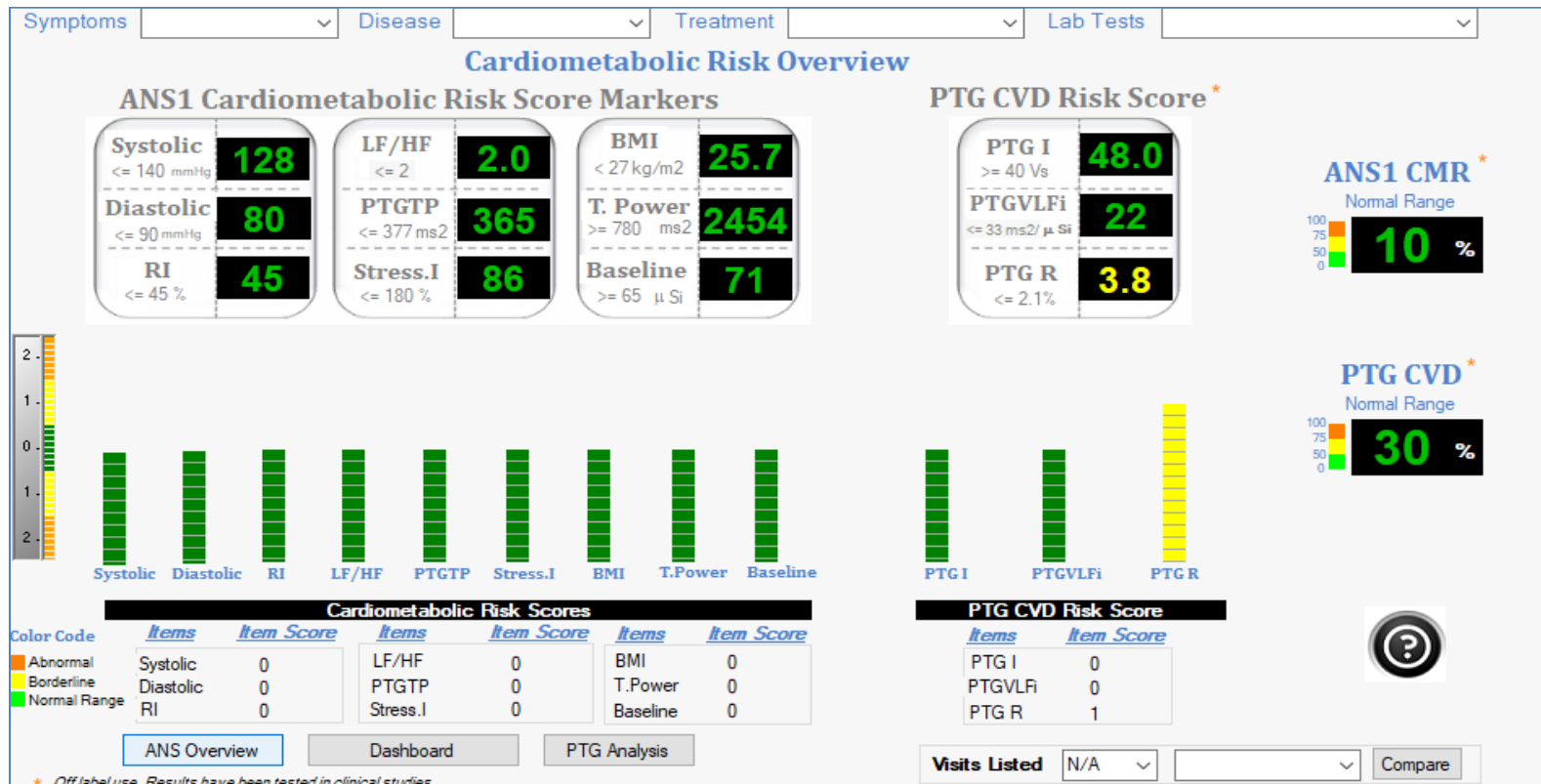
CAN R. = Cardiac Autonomic Neuropathy Risk

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Risk Factors Chart Meaning:

Systolic = Systolic pressure
 Diastolic = Diastolic pressure
 RI = Marker of medium artery stiffness
 PTGVLFi = Homeostatic Marker*
 PTGTP = Homeostatic Marker*
 STRESS.I = Marker of hepatic glycolysis
 FM = Fat mass
 T. Power = Marker of ANS overall activity
 Baseline = Marker of skin microcirculation
 PTG I = Homeostatic Marker*
 PTG R = Homeostatic Marker*
 CAN S. = Cardiac Autonomic Neuropathy Score
 CMR = Cardiometabolis Risk
 CVD = Cardiovascular Disease

* Homeostatic Marker are correlated to autonomic nervous system and endothelial function

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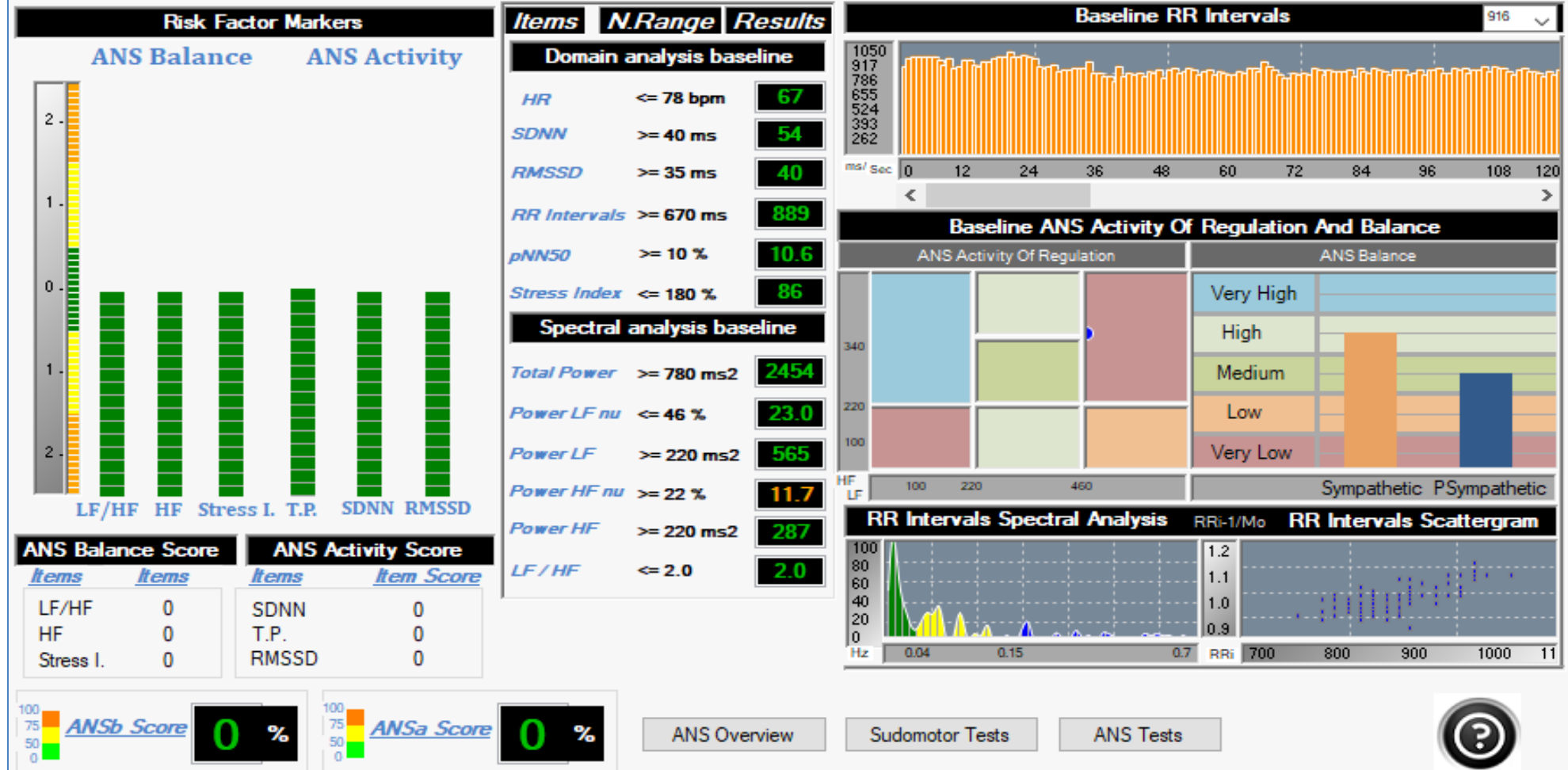
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Referral:

Heart Rate Variability (HRV) Analysis



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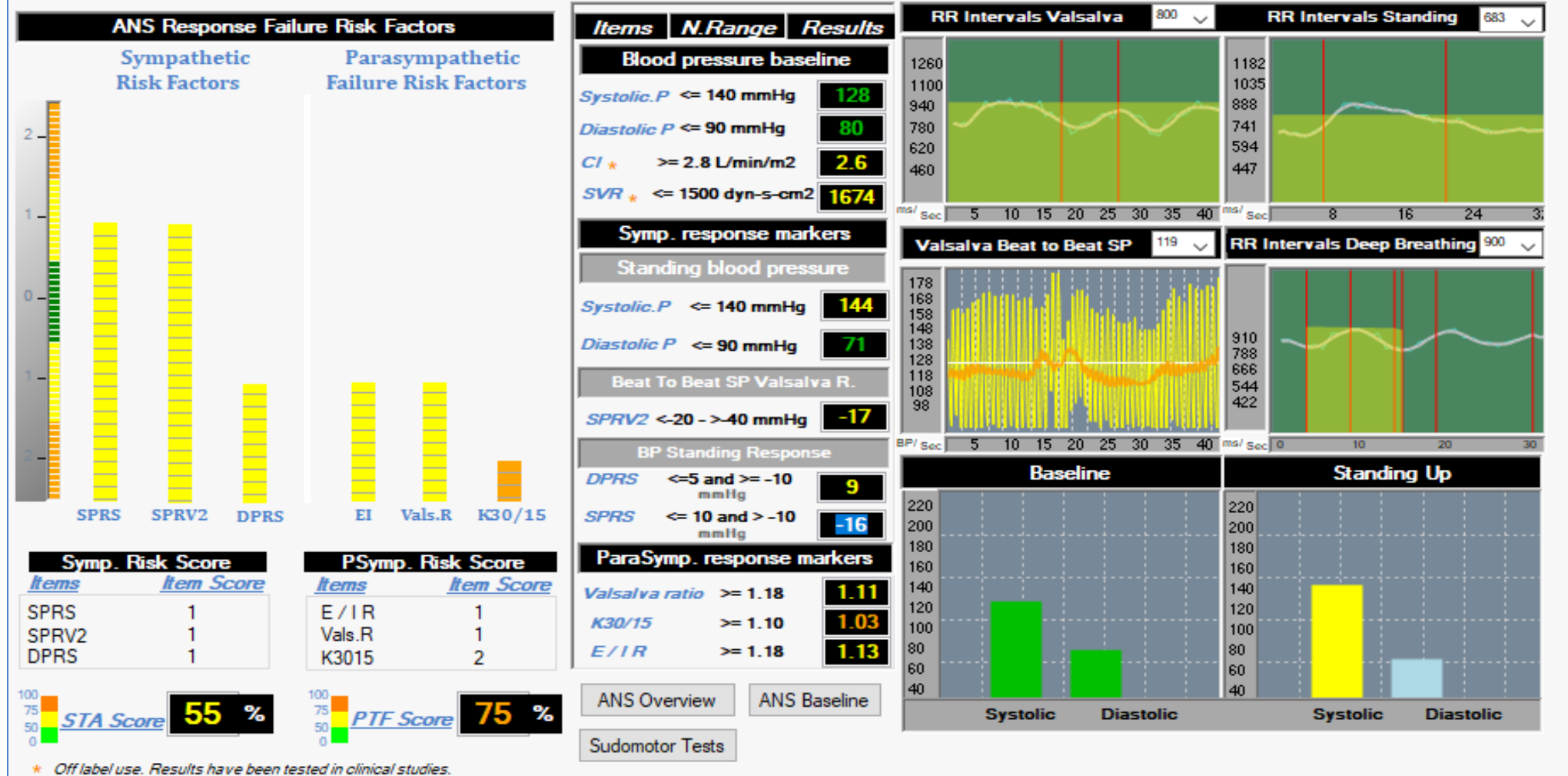
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Referral:

Autonomic Nervous System (ANS) Tests Analysis



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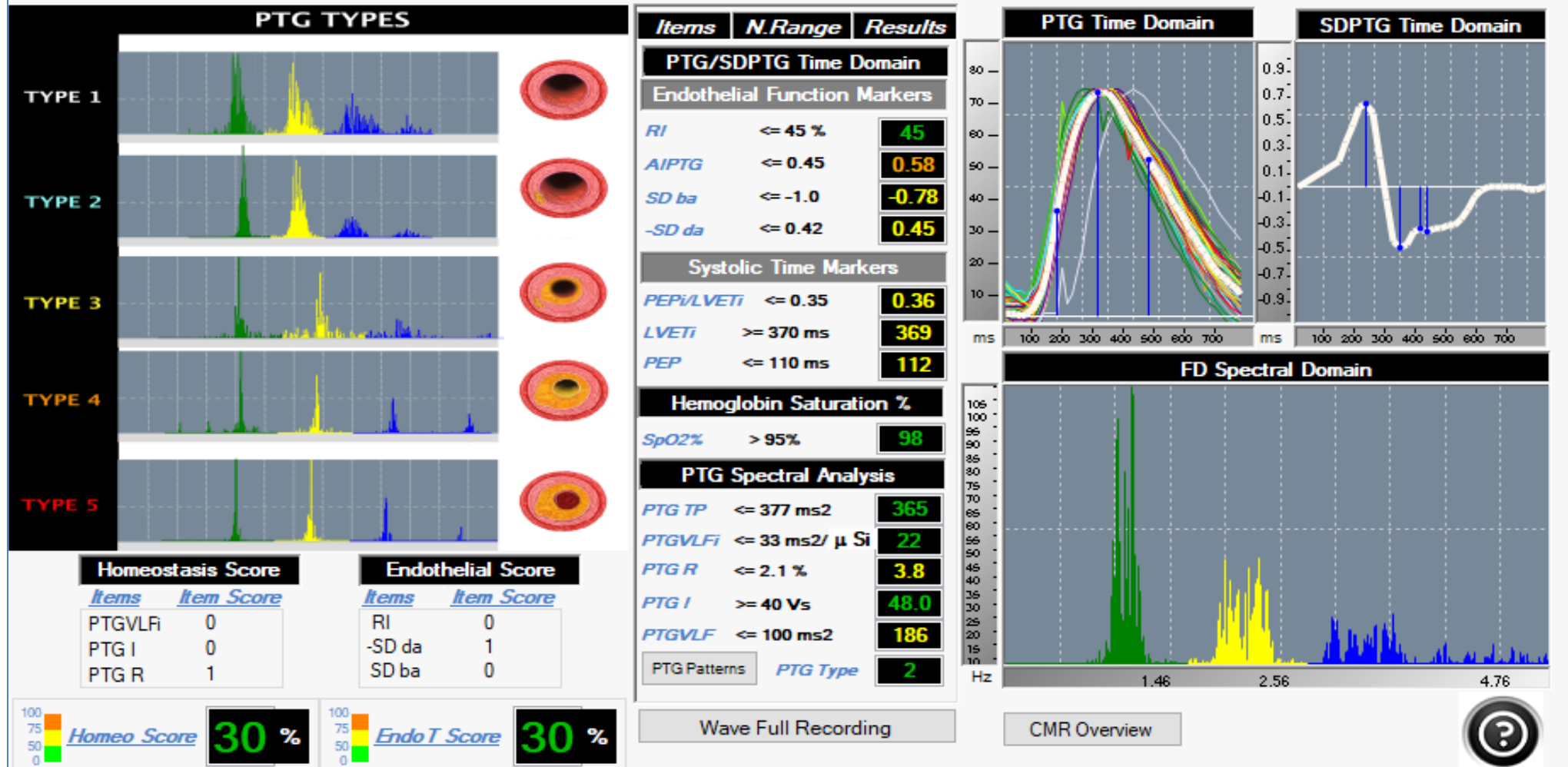
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Referral:

Photoplethysmography (PTG) Analysis



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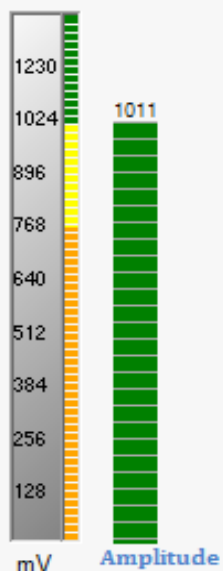
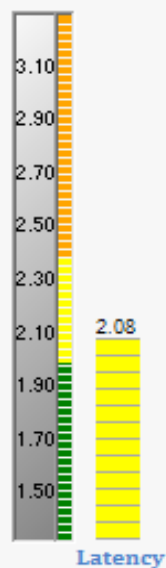
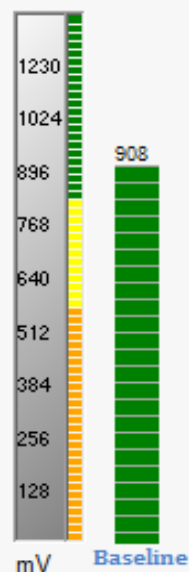
Referral:

Sudomotor Response (SMR) Analysis

Conductance -Electrode

Latency At Anode

Conductance +Electrode



■ Abnormal
■ Borderline
■ Normal Range

ANS Overview

ANS Tests

ANS Baseline

Visits Listed

N/A

Compare

Items	N.Range	Results
Sudomotor Response		
Baseline	>=65 μ Si	71
Latency	<= 2 Sec	2.08
Amplitude	>=79 μ Si	79

Sudomotor Response Score
Low Risk

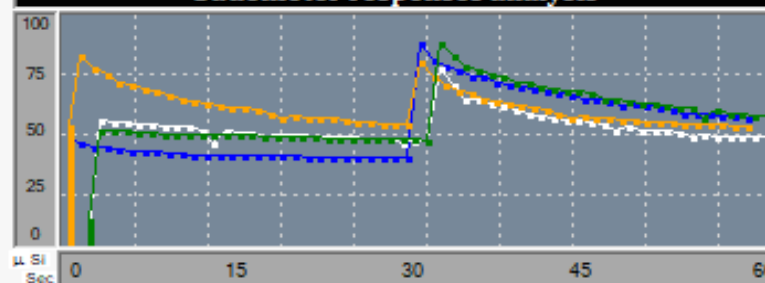
100
75
50
0

20 %

Sudomotor Score

Items	Items Score
Baseline	0
Latency	1
Amplitude	0

Sudomotor responses analysis



Sudomotor Results Comments

Mildly reduced C-Fiber velocity