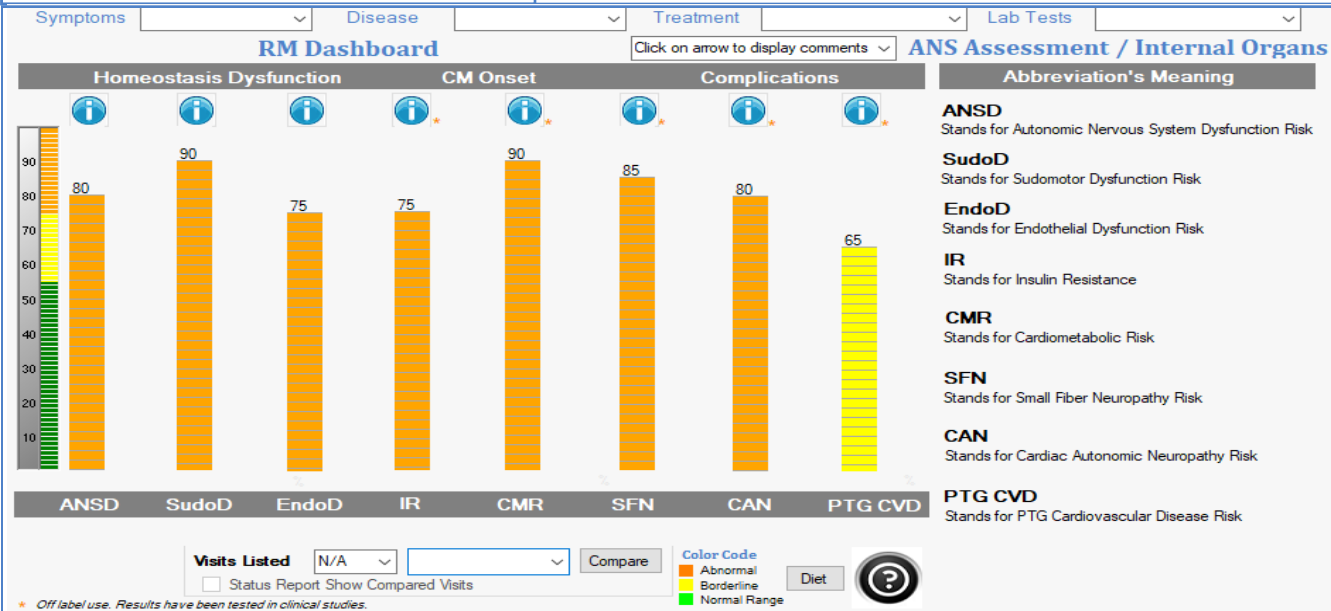


Patient Name:	Jessie Dennis
Weight:	231 Lbs BMI: 34.3
Height:	5' 9"
Date of birth:	8/7/1953
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY Referral:

Clinical Context	Comments And Suggestions Of The Risk Analysis
	<p>ANSd: Moderate autonomic dysfunction detected. Increased physical activity is suggested.</p> <p>SudoD: Moderate Microcirculation disorder Significantly reduced C-Fiber velocity Moderately decreased sweat gland function</p> <p>EndoD: Moderate Endothelial dysfunction has been detected. Further conventional cardiovascular examinations are suggested.</p> <p>IR: Moderate Abnormal result. Lifestyle change is suggested.</p> <p>CMR: Significant abnormal result. Further lab tests (Fasting BG and OGTT) are suggested</p> <p>SFN: Significant result. Further supplementary exams comprised in Toronto Clinical Neuropathy Score are suggested.</p> <p>CAN: Moderate Abnormal result. If the patient undergoing a diabetic treatment, target HbA1c according to the hypoglycemia risk Moderate failure of parasympathetic response.</p> <p>PTG CVD: Mild endothelial and ANS dysfunction detected. Cardiometabolic Profile lab tests are suggested.</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.

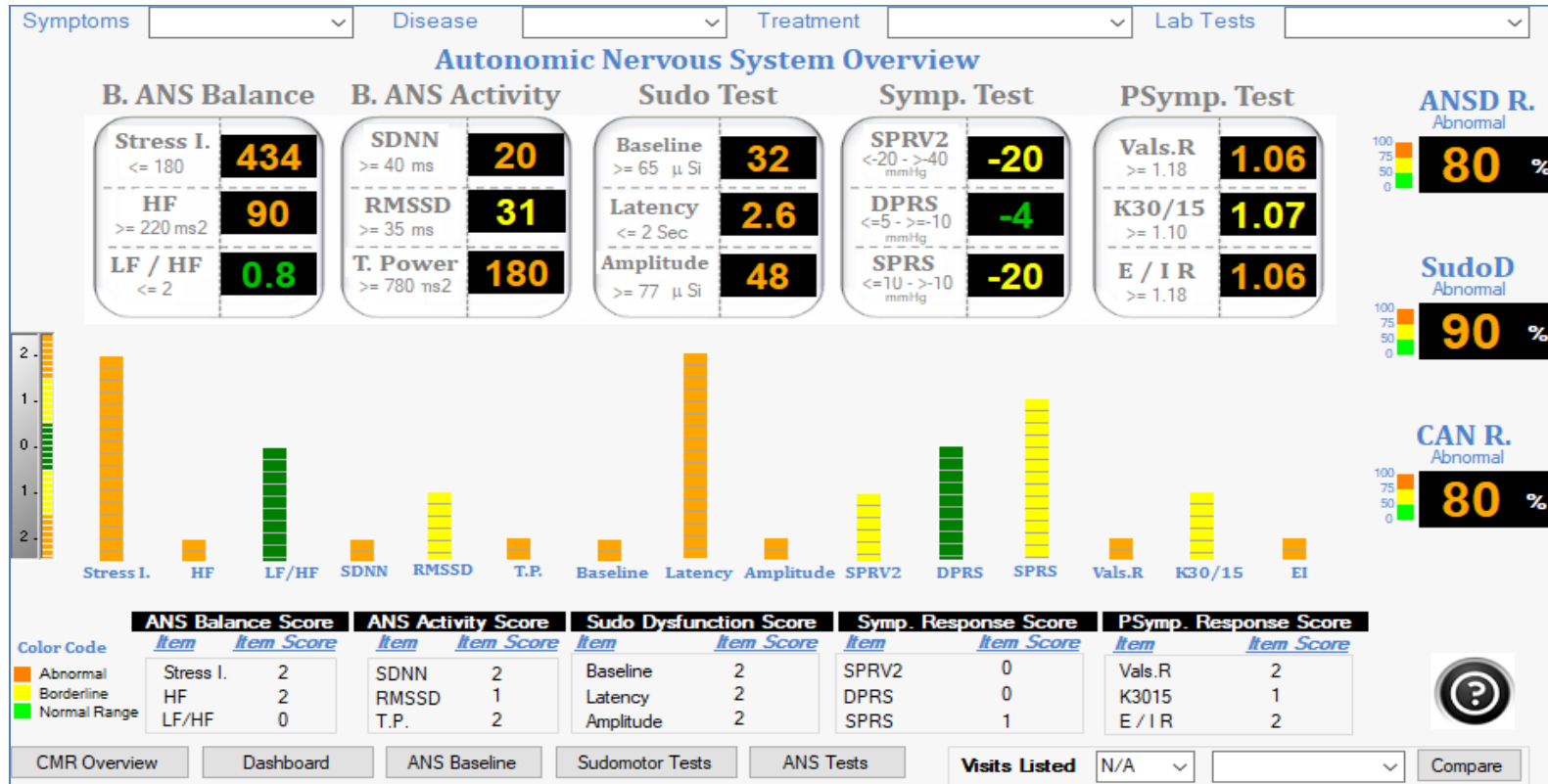
DISCLAIMERS: This report is only for the referring physician and cannot be promoted. The patient profile risk analysis chart and comments and suggestions cannot be used for diagnostic purposes. It is the referring physician's responsibility to make proper judgments based on these numbers and suggestions. All results should be considered within the clinical context of the patient's case history, symptoms, known diagnosis, findings from other diagnostics studies, current medications, treatment plan and therapies.

Patient Name: Jessie Dennis
 Weight: 231 Lbs BMI: 34.3
 Height: 5' 9"
 Date of birth: 8/7/1953
 Gender: Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:



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

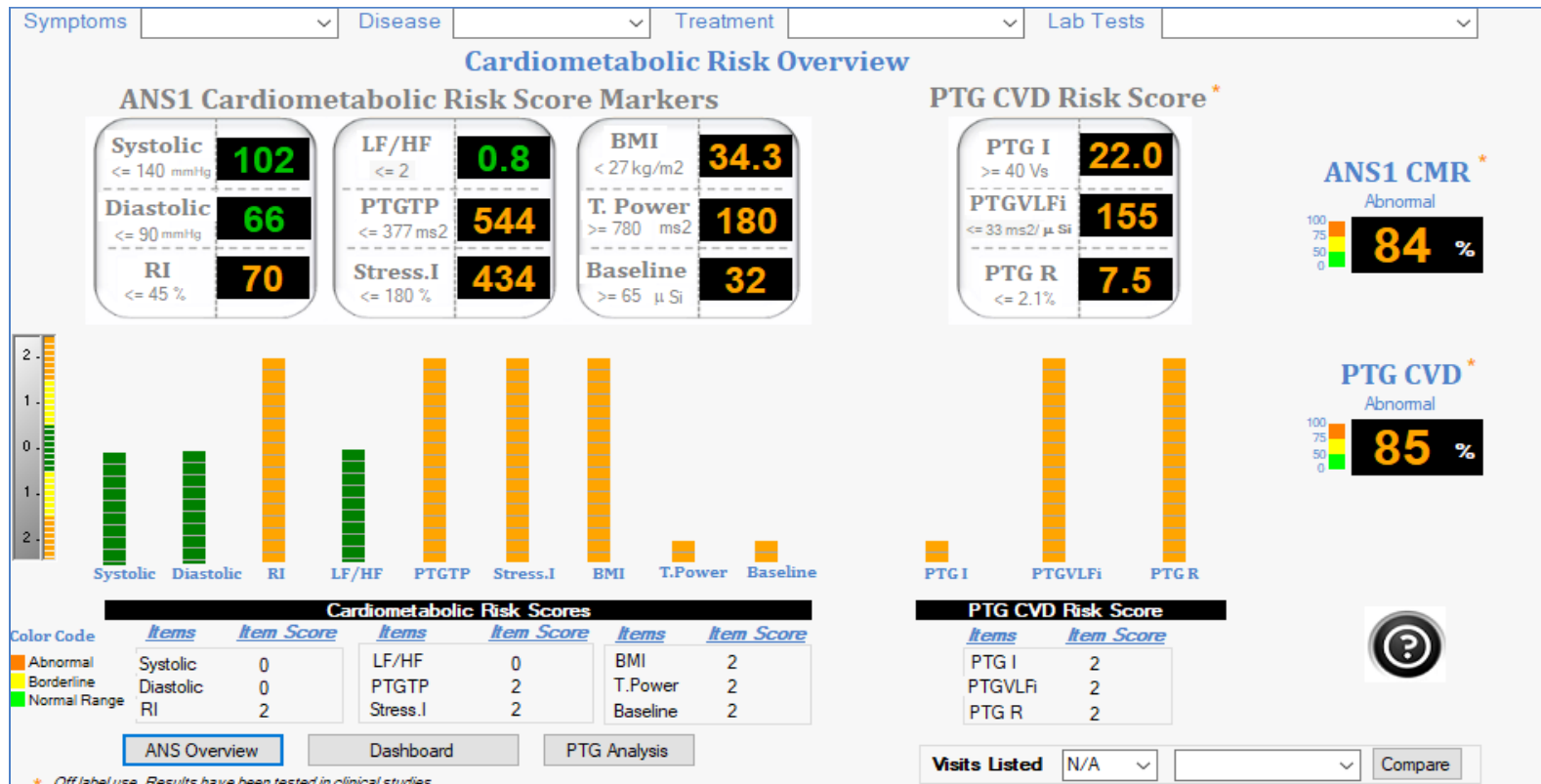
CAN R. = Cardiac Autonomic Neuropathy Risk

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Patient Name: Jessie Dennis
 Weight: 231 Lbs BMI: 34.3
 Height: 5' 9"
 Date of birth: 8/7/1953
 Gender: Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY Referral:



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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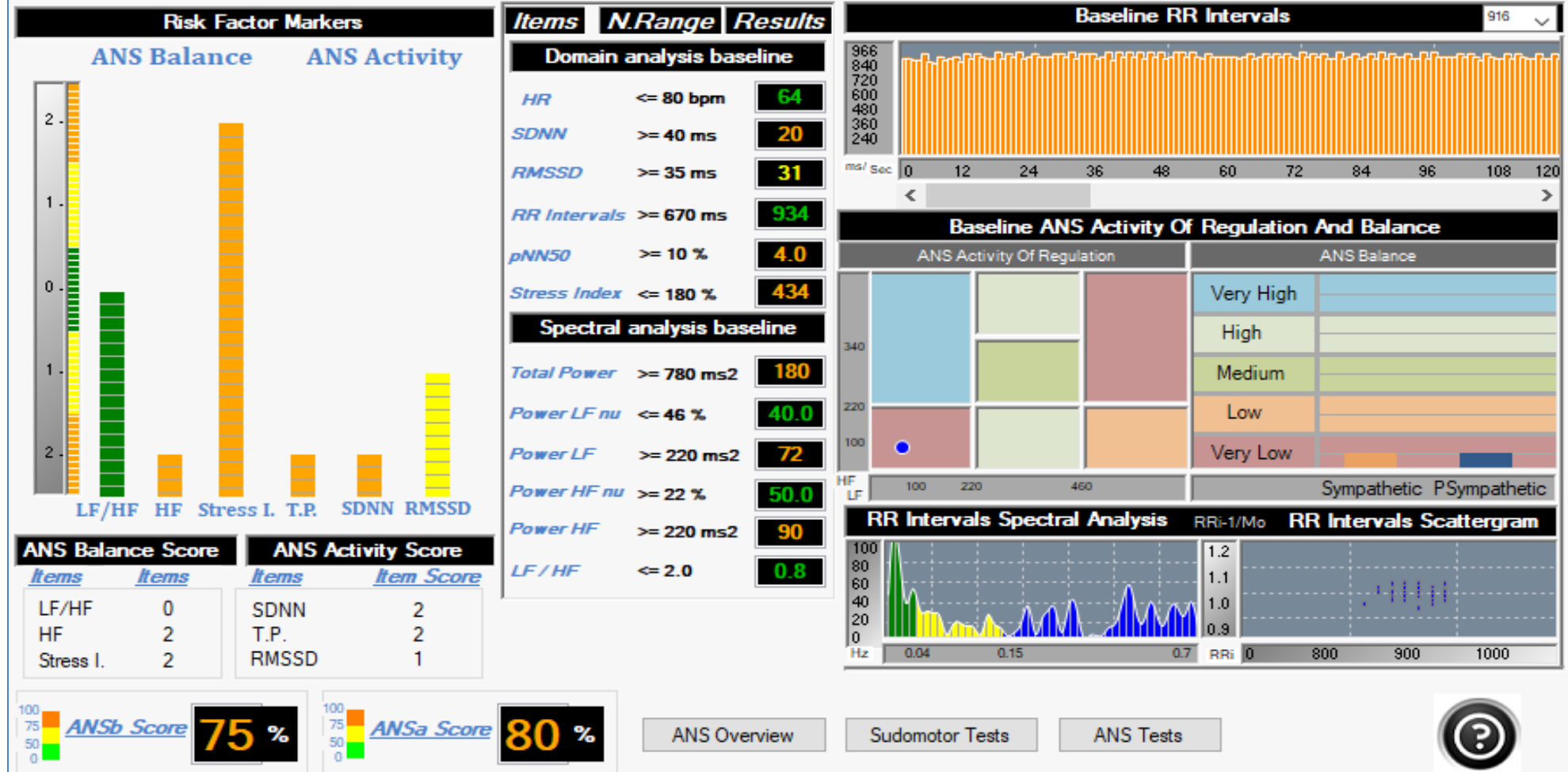
Patient Name: Jessie Dennis
 Weight: 231 Lbs BMI: 34.3
 Height: 5' 9"
 Date of birth: 8/7/1953
 Gender: Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Heart Rate Variability (HRV) Analysis



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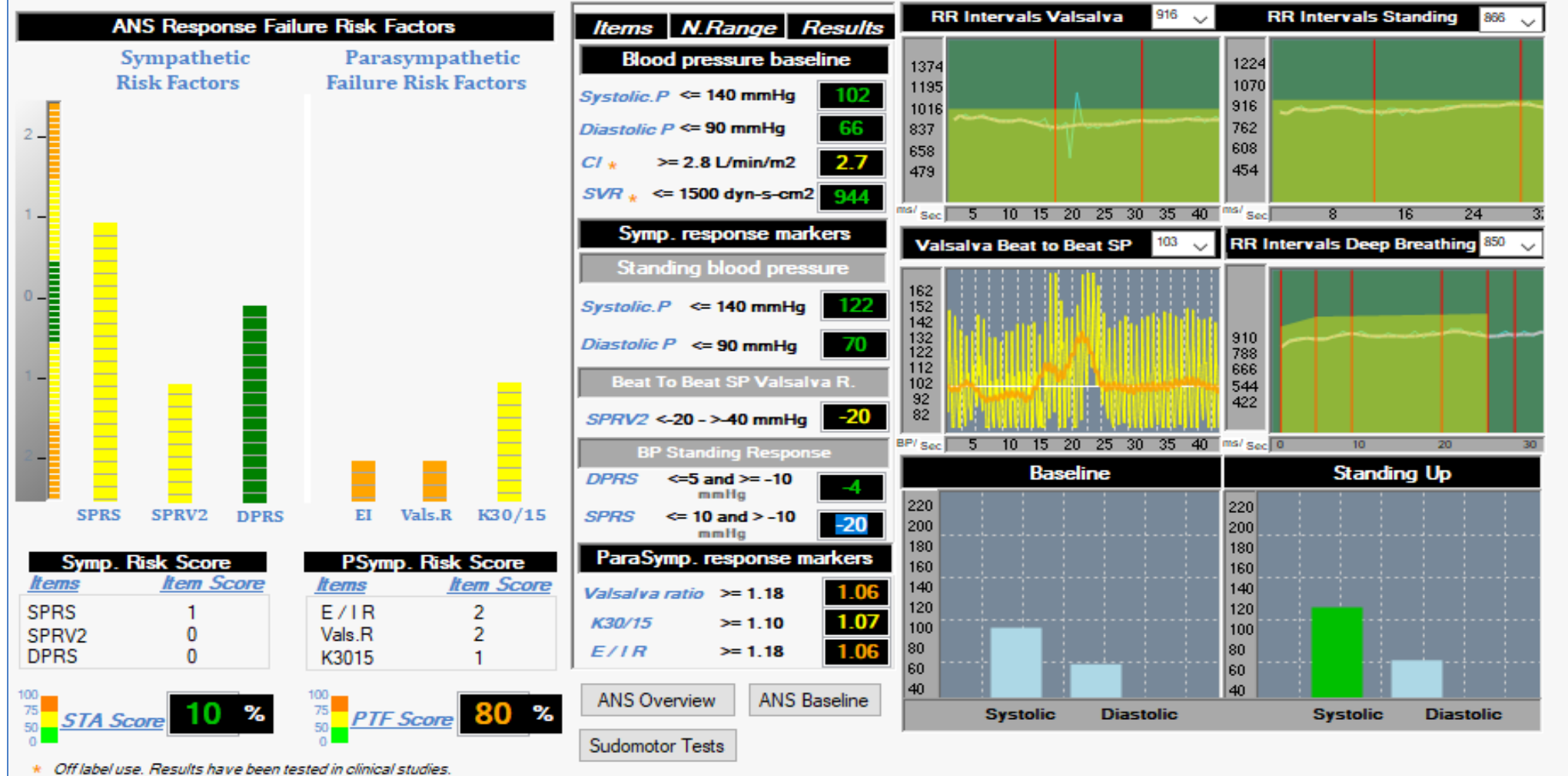
Patient Name:	Jessie Dennis
Weight:	231 Lbs BMI: 34.3
Height:	5' 9"
Date of birth:	8/7/1953
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Autonomic Nervous System (ANS) Tests Analysis



ANS Overview

ANS Baseline

Sudomotor Tests

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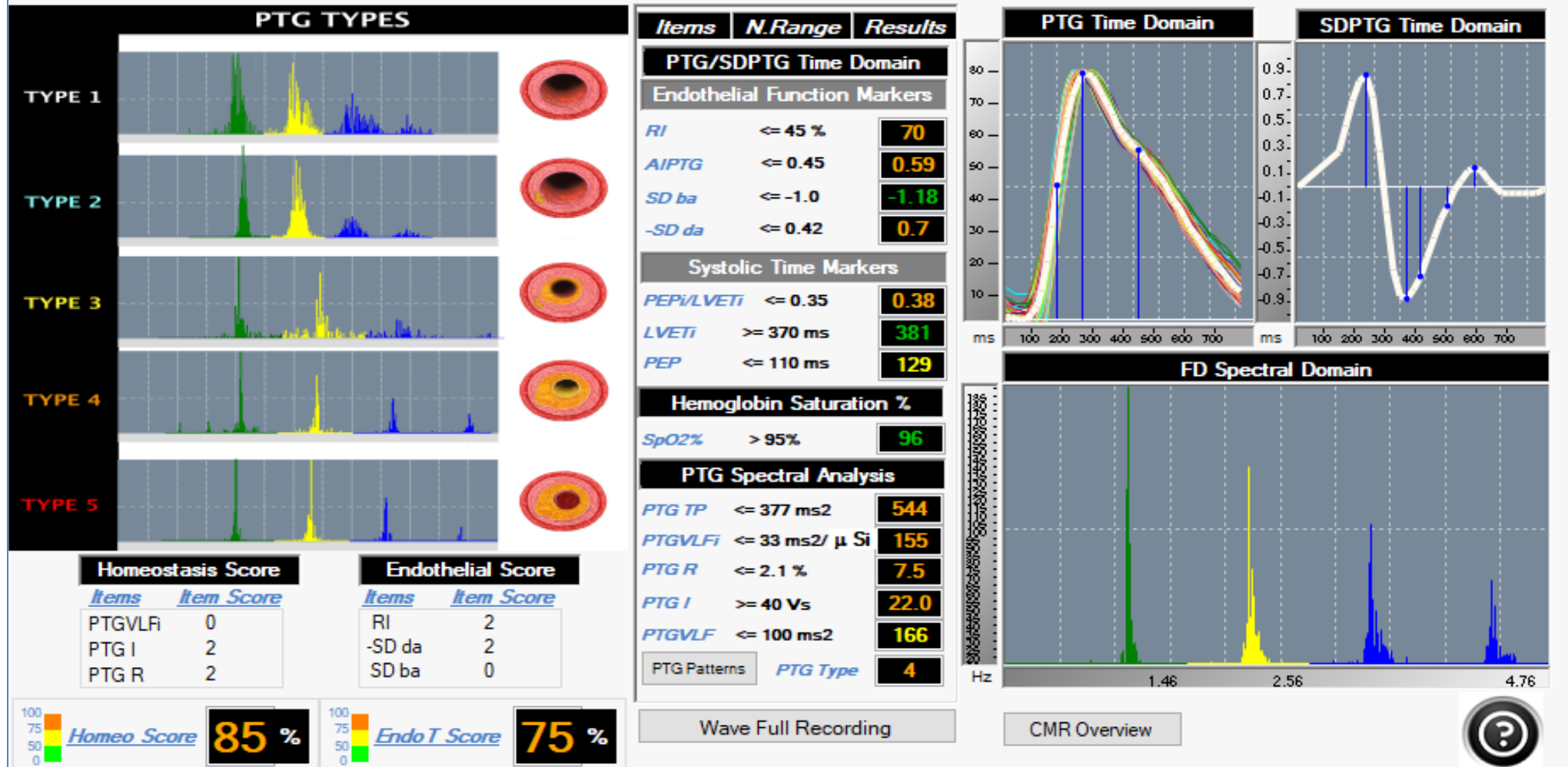
Patient Name:	Jessie Dennis
Weight:	231 Lbs BMI: 34.3
Height:	5' 9"
Date of birth:	8/7/1953
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Photoplethysmography (PTG) Analysis



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Patient Name:	Jessie Dennis
Weight:	231 Lbs BMI: 34.3
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Date of birth:	8/7/1953
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

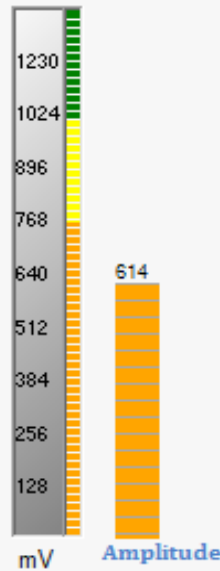
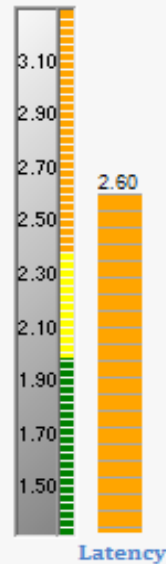
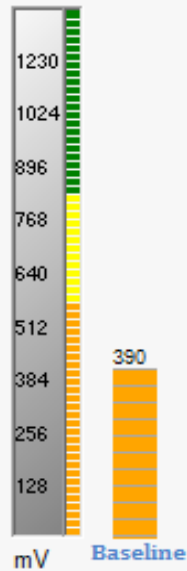
Referral:

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	32
Latency	<= 2 Sec	2.6
Amplitude	>=79 μ Si	48

Sudomotor Response Score
Significant Risk

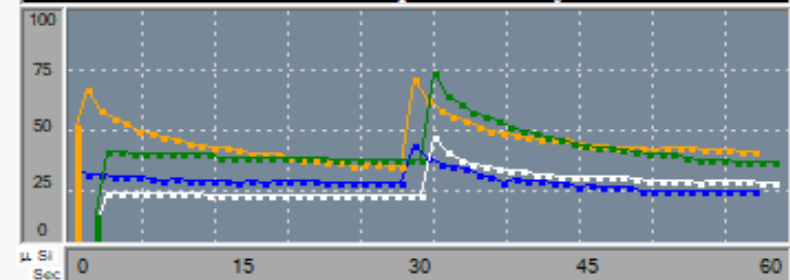
100
75
50
0

90 %

Sudomotor Score

Items	Items Score
Baseline	2
Latency	2
Amplitude	2

Sudomotor responses analysis



Sudomotor Results Comments

Moderate Microcirculation disorder
Significantly reduced C-Fiber velocity
Moderately decreased sweat gland function

