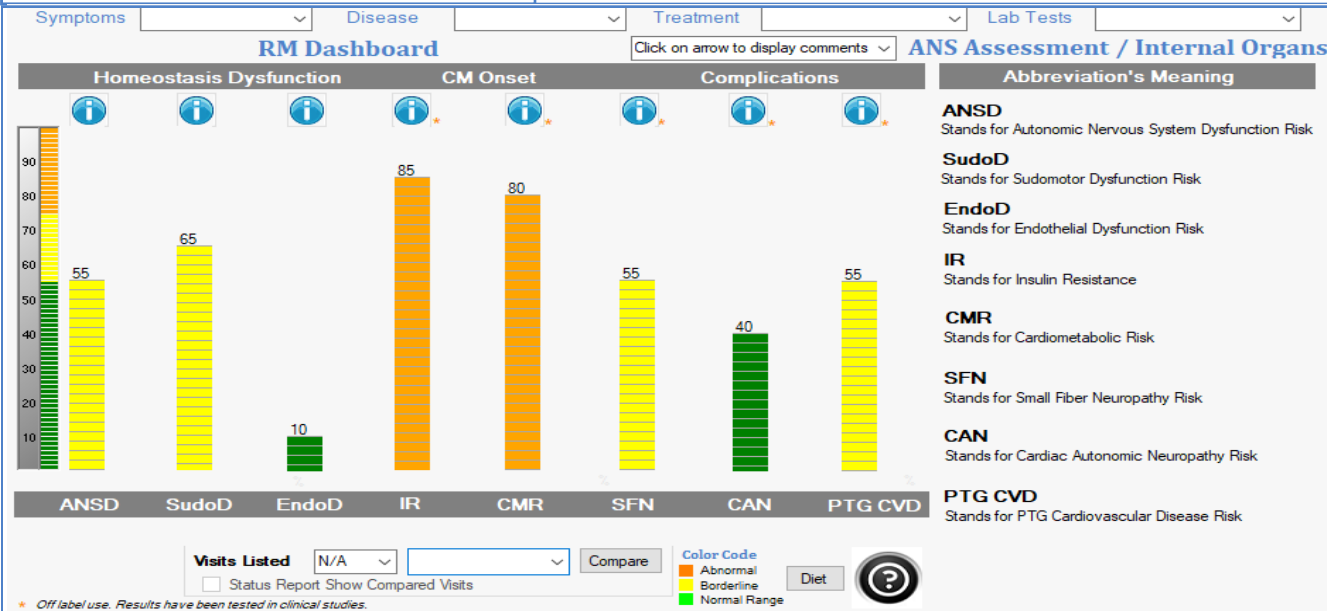


Patient Name:	Angelo Bianco
Weight:	256 Lbs BMI: 41.1
Height:	5' 6"
Date of birth:	7/7/1989
Gender:	Male

RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY Referral:

Clinical Context	Comments And Suggestions Of The Risk Analysis
	<p>ANSd: Mild autonomic dysfunction detected. Increased physical activity is suggested.</p> <p>SudoD: Mild Microcirculation disorder Mildly reduced C-Fiber velocity Mildly decreased sweat gland function</p> <p>EndoD: The result is in normal range.</p> <p>IR: Significant Abnormal result. Lifestyle change is suggested.</p> <p>CMR: Moderate abnormal result. Further lab tests (Fasting BG and OGTT) are suggested</p> <p>SFN: Borderline result. Further supplementary exams comprised in Toronto Clinical Neuropathy Score are suggested.</p> <p>CAN: The result is in normal range.</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.

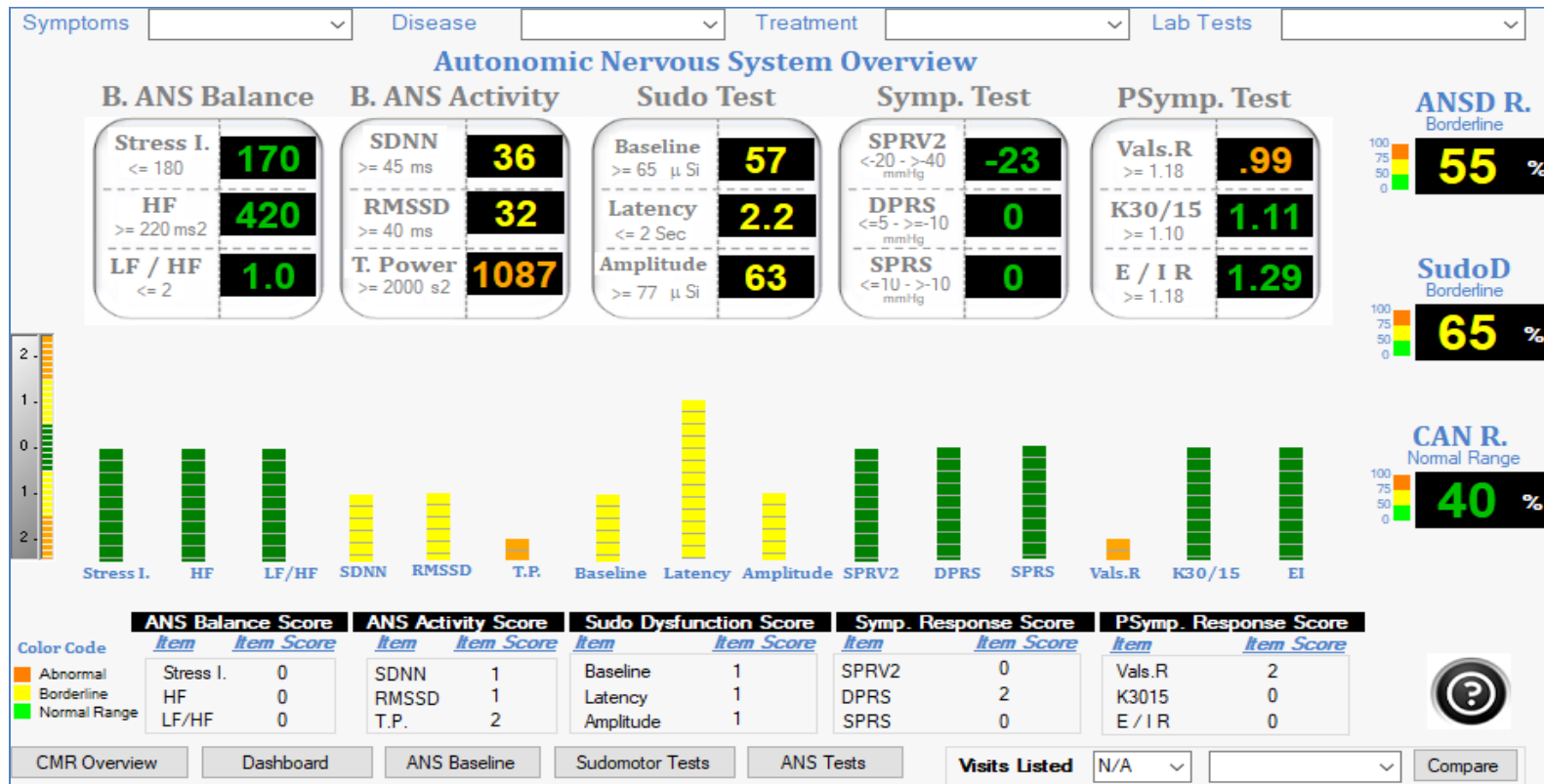
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RM-3A STATUS REPORT

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

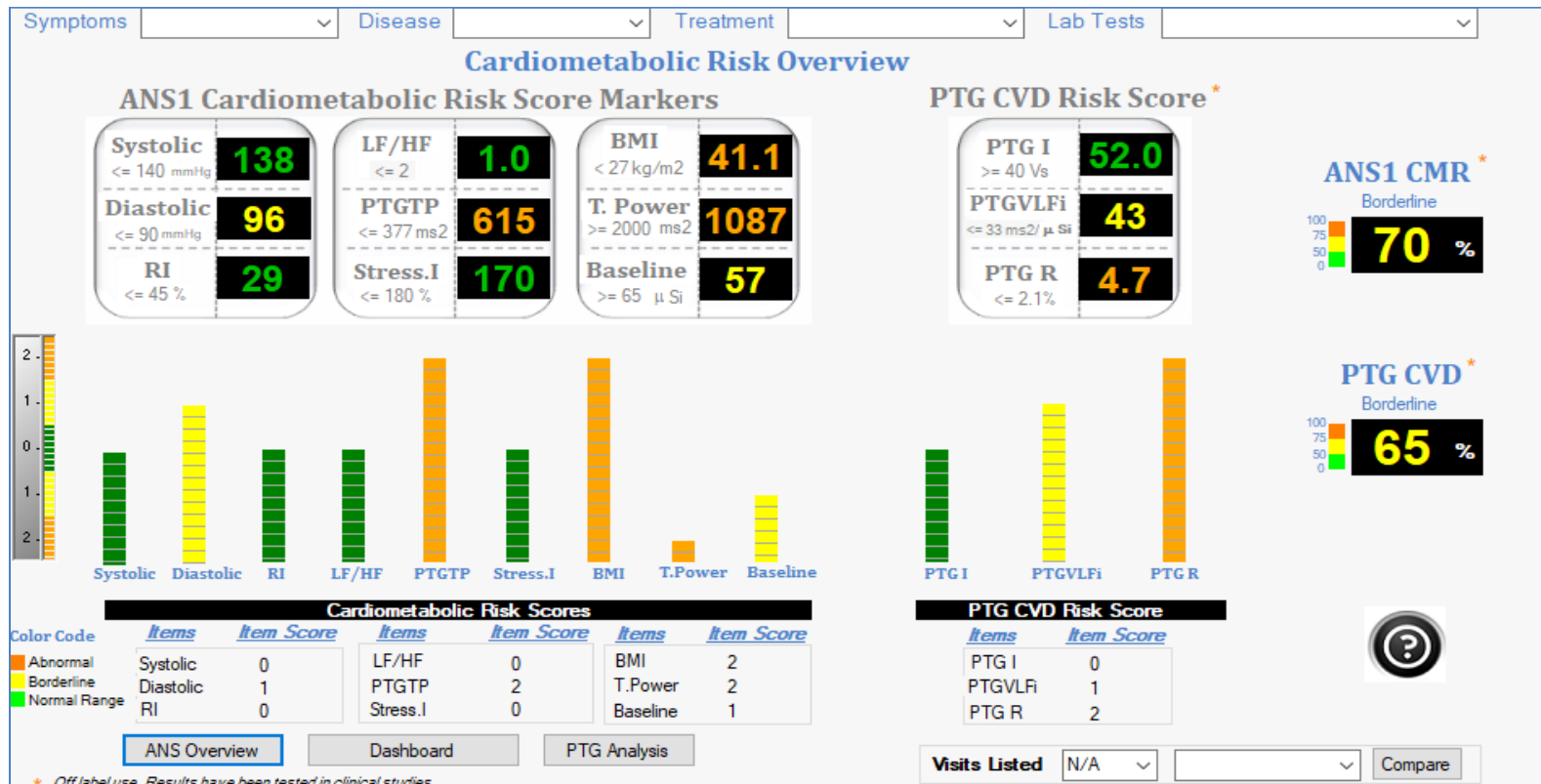
CAN R. = Cardiac Autonomic Neuropathy Risk

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 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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RM-3A STATUS REPORT PHYSICIAN'S FULL REPORT SUMMARY Referral:

Risk Factor Markers

ANS Balance

ANS Activity

Domain analysis baseline

Items	N.Range	Results
HR	<= 90 bpm	85
SDNN	>= 45 ms	36
RMSSD	>= 40 ms	32
RR Intervals	>= 670 ms	703
pNN50	>= 10 %	5.4
Stress Index	<= 180 %	170

Spectral analysis baseline

Items	N.Range	Results
Total Power	>= 2000 ms2	1087
Power LF nu	<= 46 %	38.6
Power LF	>= 220 ms2	419
Power HF nu	>= 22 %	38.6
Power HF	>= 220 ms2	420
LF / HF	<= 2.0	1.0

Baseline RR Intervals

633

Baseline ANS Activity Of Regulation And Balance

ANS Activity Of Regulation

ANS Balance

Very High

High

Medium

Low

Very Low

Sympathetic PSympathetic

ANS Balance Score

Items	Items	Items	Item Score
LF/HF	0	SDNN	1
HF	0	T.P.	2
Stress I.	0	RMSSD	1

ANS Activity Score

Items	Items	Items	Item Score
LF/HF	0	SDNN	1
HF	0	T.P.	2
Stress I.	0	RMSSD	1

ANSb Score

0 %

ANSa Score

75 %

RR Intervals Spectral Analysis

RRi-1/Mo

RR Intervals Scattergram

ANS Overview

Sudomotor Tests

ANS Tests



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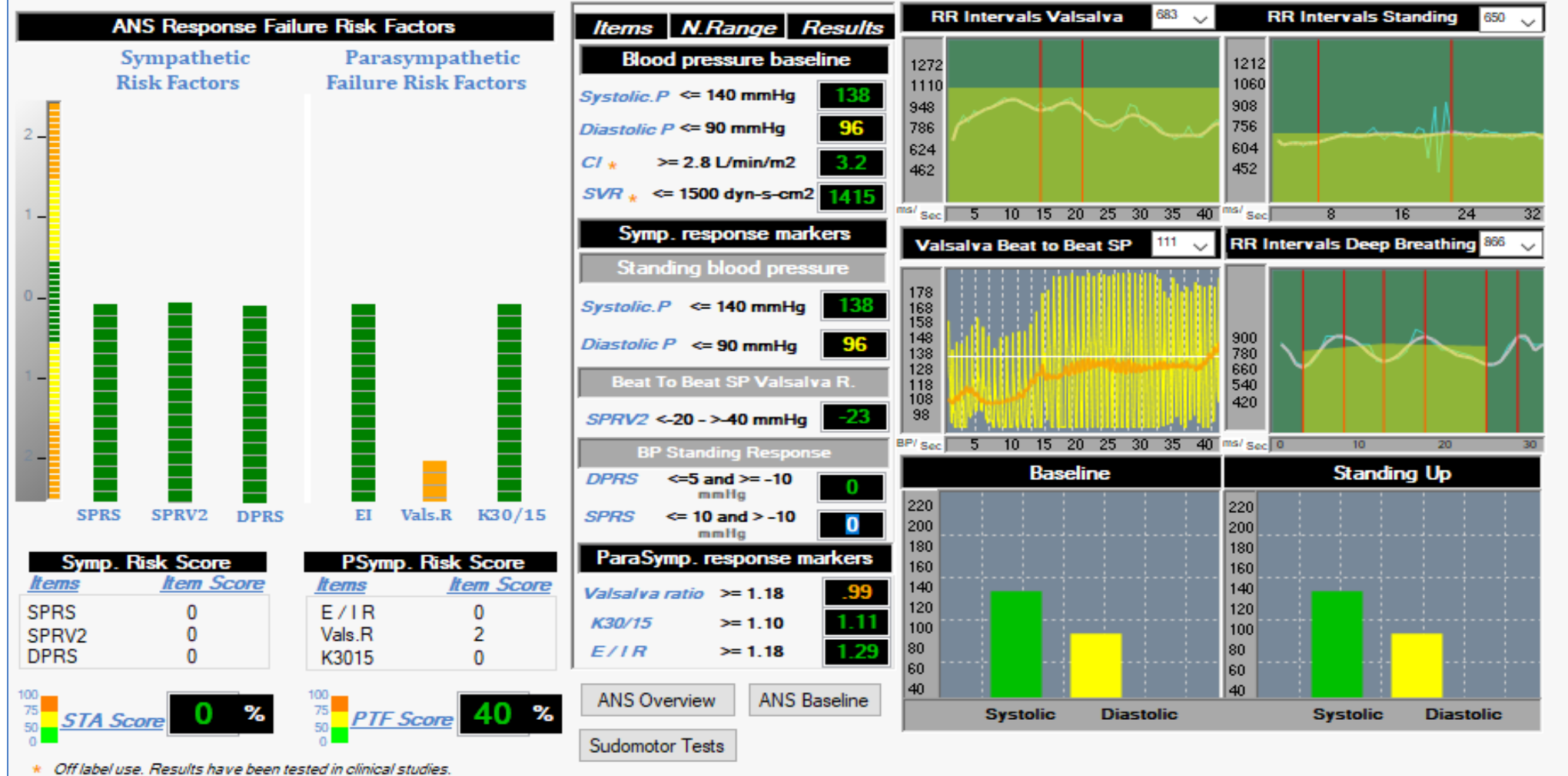
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RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Autonomic Nervous System (ANS) Tests Analysis



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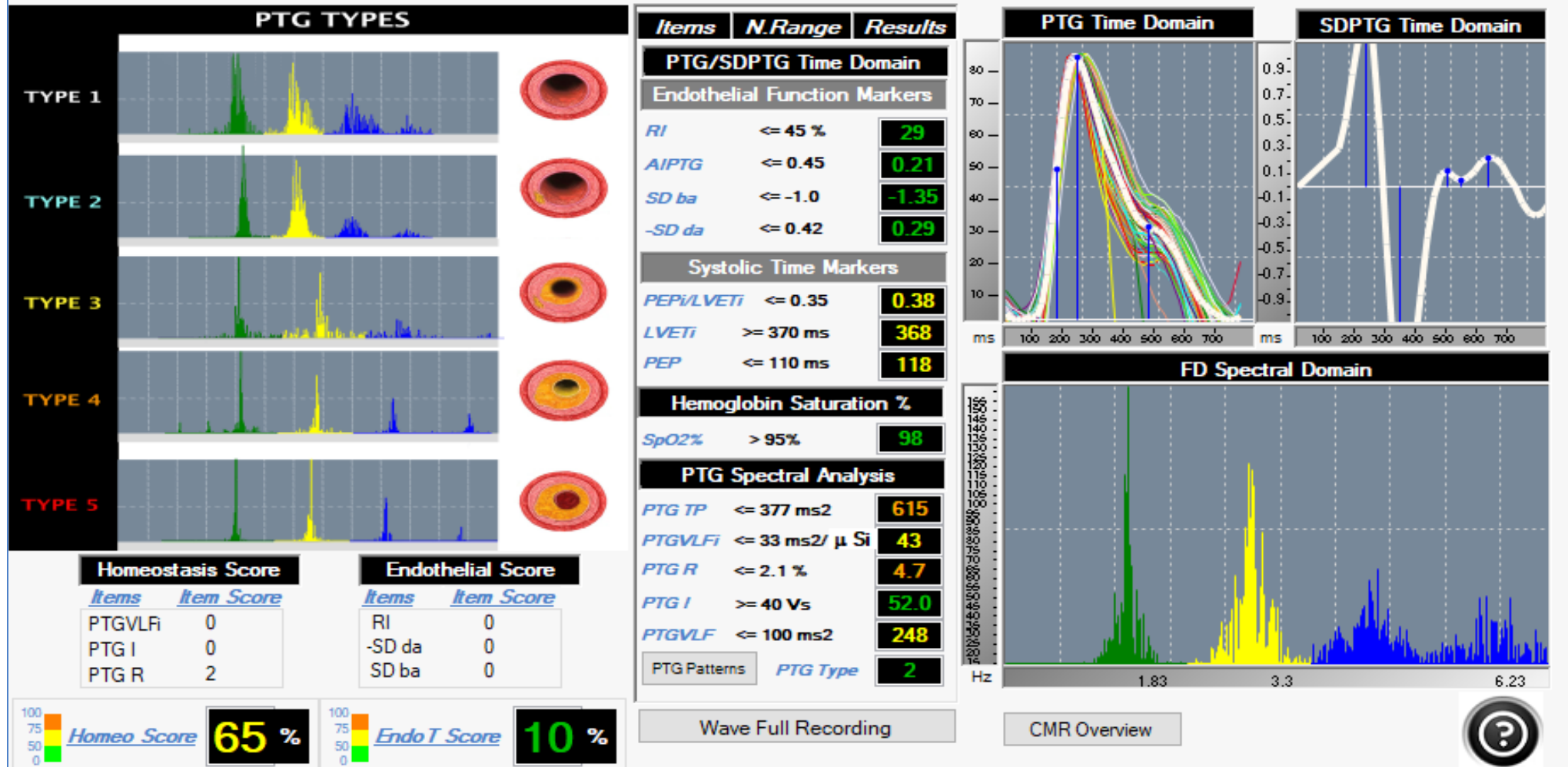
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RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

Referral:

Photoplethysmography (PTG) Analysis



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RM-3A STATUS REPORT

PHYSICIAN'S FULL REPORT SUMMARY

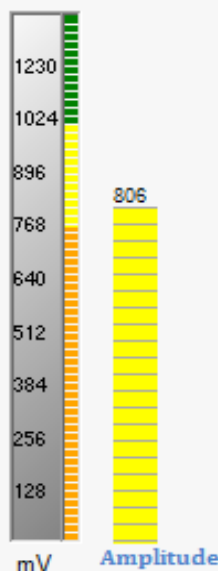
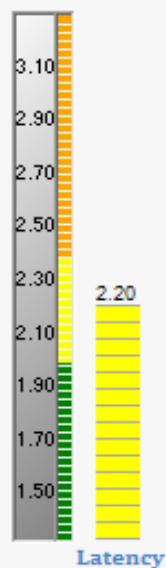
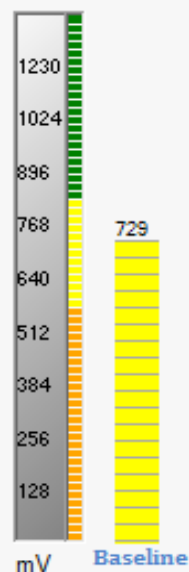
Referral:

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	57
Latency	<= 2 Sec	2.2
Amplitude	>=79 μ Si	63

Sudomotor Response Score
Mild Risk

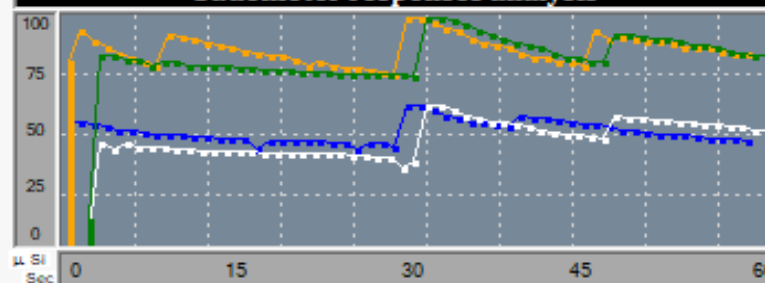
100
75
50
0

65 %

Sudomotor Score

Items	Items Score
Baseline	1
Latency	1
Amplitude	1

Sudomotor responses analysis



Sudomotor Results Comments

Mild Microcirculation disorder
 Mildly reduced C-Fiber velocity
 Mildly decreased sweat gland function