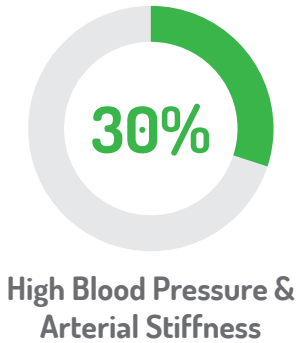


John Smith
 Gender: Male Height: 5' 11" BMI: 28.7
 Age: 52 (DOB: 12/1/1964) Weight: 205 lbs HR: 69

Physician: Dr. Brown
 Clinic/Hospital:
 Address:
 Referral:

ARTERIAL STIFFNESS ASSESSMENT



COMMENTS:

- Mild increase in Augmentation Index.

BLOOD PRESSURE PULSE VOLUME ANALYSIS

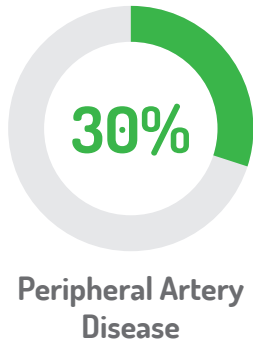
<p>CASP (Unit of measure: mmHg) Central Aortic Systolic Pressure is an important marker of hypertension treatment management.</p>	<p>123 mmHg</p> <p>NORMAL 123 BORDERLINE 125 ABNORMAL</p>
<p>Peripheral Alx (Unit of measure: %) Peripheral Augmentation Index is commonly accepted as a measure of aortic arterial stiffness and central aortic.</p>	<p>76%</p> <p>NORMAL 75 BORDERLINE 99 ABNORMAL</p>
<p>LEFT baPWV (Unit of measure: cm/s) Left Brachial Ankle Pulse Wave Velocity (PWV) is used clinically as a measure of lower extremity arterial stiffness.</p>	<p>1096 cm/s</p> <p>NORMAL 1550 BORDERLINE 1800 ABNORMAL</p>
<p>RIGHT baPWV (Unit of measure: cm/s) Right Brachial Ankle Pulse Wave Velocity (PWV) is used clinically as a measure of lower extremity arterial stiffness.</p>	<p>1034 cm/s</p> <p>NORMAL 1550 BORDERLINE 1800 ABNORMAL</p>

PHYSICIAN NOTES:

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PERIPHERAL ARTERY DISEASE ASSESSMENT



COMMENTS:

- Borderline result in left leg.

ANKLE BRACHIAL INDEX

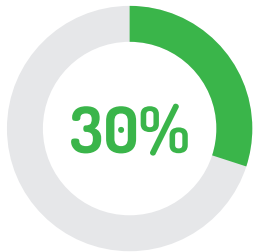
<p>LEFT ABI (Unit of measure: ratio) Left Ankle Brachial Index (ABI) is used clinically as a marker of peripheral artery disease (PAD).</p>	<p style="text-align: right;">1.31</p> <p style="text-align: center;"> ABNORMAL < 0.9 BORDERLINE < 1.0 NORMAL < 1.4 NC </p>
<p>RIGHT ABI (Unit of measure: ratio) Right Ankle Brachial Index (ABI) is used clinically as a marker of peripheral artery disease (PAD).</p>	<p style="text-align: right;">1.28</p> <p style="text-align: center;"> ABNORMAL < 0.9 BORDERLINE < 1.0 NORMAL < 1.4 NC </p>
<p>LEFT PVV (Unit of measure: mL/min) Left Ankle Pulse Volume Velocity represents the return of the blood volume over time after occlusion.</p>	<p style="text-align: right;">272 mL/min</p> <p style="text-align: center;"> ABNORMAL < 80 BORDERLINE < 121 NORMAL </p>
<p>RIGHT PVV (Unit of measure: mL/min) Right Ankle Pulse Volume Velocity represents the return of the blood volume over time after occlusion.</p>	<p style="text-align: right;">382 mL/min</p> <p style="text-align: center;"> ABNORMAL < 80 BORDERLINE < 121 NORMAL </p>

PHYSICIAN NOTES:

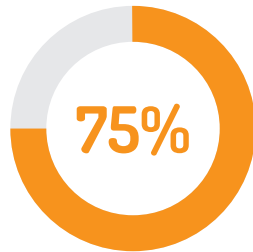
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SUDOMOTOR FUNCTION ASSESSMENT



Small Fiber Neuropathy



Skin Microcirculatory Disorder

COMMENTS:

- Borderline sudomotor response in right foot. Mild decrease in C-Fiber deficiency.
- Moderate microcirculation disorder in both feet.
- Treating the underlying condition or lifestyle change as well as lab tests (Vitamin B12; Folate Test) are suggested.

GALVANIC SKIN RESPONSE & METABOREFLEX

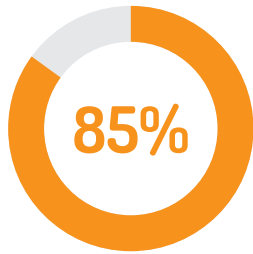
<p>LF AMPLITUDE (Unit of measure: mV) Marker of left foot sweat output response related to the C-Fiber density.</p>	<p style="text-align: right;">1037 mV</p> <p>ABNORMAL 768 BORDERLINE 1000 NORMAL</p>
<p>RF AMPLITUDE (Unit of measure: mV) Marker of right foot sweat output response related to the C-Fiber density.</p>	<p style="text-align: right;">986 mV</p> <p>ABNORMAL 768 BORDERLINE 1000 NORMAL</p>
<p>LF BASELINE (Unit of measure: mV) Marker of left foot sweat output response related to the skin microcirculation.</p>	<p style="text-align: right;">502 mV</p> <p>ABNORMAL 576 BORDERLINE 832 NORMAL</p>
<p>RF BASELINE (Unit of measure: mV) Marker of right foot sweat output response related to the skin microcirculation.</p>	<p style="text-align: right;">537 mV</p> <p>ABNORMAL 576 BORDERLINE 832 NORMAL</p>

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AUTONOMIC REGULATION ASSESSMENT



Autonomic Dysregulation

COMMENTS:

- Total Power is reduced.
- Increased physical activity as well as 25-hydroxyvitamin D test are suggested.
- Significant reduction of V02 Max. Possibility of significant exercise intolerance
- Significantly reduced parasympathetic function at rest.
- Sympathetic activity severely decreased.
- Significant small artery vasoconstriction induced by the sympathetic activity.

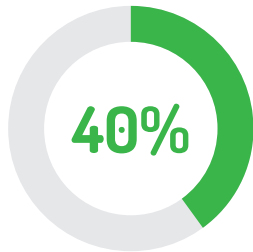
HEART RATE VARIABILITY	
TOTAL POWER (Unit of measure: ms ²) Total Power is maker of the overall ANS activity at rest.	<div style="text-align: center;">184 ms²</div> <div style="display: flex; justify-content: space-between; align-items: center;"> ABNORMAL 500 BORDERLINE 780 NORMAL </div>
HF (Unit of measure: ms ²) HF is a marker of the parasympathetic activity at rest.	<div style="text-align: center;">92 ms²</div> <div style="display: flex; justify-content: space-between; align-items: center;"> ABNORMAL 150 BORDERLINE 220 NORMAL </div>
STRESS INDEX (Unit of measure: %) Stress Index is a marker of peripheral vasoconstriction.	<div style="text-align: right; margin-right: 50px;">617</div> <div style="display: flex; justify-content: space-between; align-items: center;"> NORMAL 180 BORDERLINE 499 ABNORMAL </div>
SDANN (Unit of measure: ms) SDANN is a marker of both sympathetic and parasympathetic.	<div style="text-align: center;">17</div> <div style="display: flex; justify-content: space-between; align-items: center;"> ABNORMAL 25 BORDERLINE 40 NORMAL </div>

PHYSICIAN NOTES:

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CARDIAC AUTONOMIC NEUROPATHY ASSESSMENT



Cardiac Autonomic Neuropathy

COMMENTS:

- Moderate impairment in cardiovagal innervation response.

CARDIAC AUTONOMIC REFLEX TESTS

<p>VALSALVA RATIO (Unit of measure: ratio) Marker of baroreceptor sensitivity response.</p>	<p style="text-align: right;">1.58</p> <p style="text-align: center;"> ABNORMAL 1.18 BORDERLINE 1.21 NORMAL </p>
<p>E/I RATIO (Unit of measure: ratio) Expiration/Inspiration Ratio is a marker of cardiovagal response.</p>	<p style="text-align: center;">1.03</p> <p style="text-align: center;"> ABNORMAL 1.15 BORDERLINE 1.18 NORMAL </p>
<p>K3015 RATIO (Unit of measure: ratio) Heart rate change during standing at 30 and 15 second.</p>	<p style="text-align: right;">1.31</p> <p style="text-align: center;"> ABNORMAL 1.04 BORDERLINE 1.08 NORMAL </p>
<p>SPRS (Unit of measure: mmHg) Systolic Pressure Response to Standing is a marker of sympathetic adrenergic function.</p>	<p style="text-align: center;">-7 mmHg</p> <p style="text-align: center;"> NORMAL 25 BORDERLINE 40 ABNORMAL </p>

PHYSICIAN NOTES: