



WELCOME TO NEXMEDICAL SOLUTIONS.

We are proudly leading the health and wellness industry with our comprehensive **ANS** and **Vascular** technology managed platform.

Our turnkey platform provides significant solutions in preventive healthcare for practices across the country.

NMS' first in class ANS & Vascular technology will significantly improve your patient outcomes & population health management, while dramatically increasing practice revenues.





OUR NMS-100 MEDICAL

Device data system performs a fast, Point-of-Care, non-invasive patient assessment of both the Vascular function and Autonomic Nervous System function.

This fast and easy to operate system assesses 30 plus Clinically Valuable Biomarkers, *in roughly 7 minutes* – and allows you to capture this new revenue within your practice.





VASCULAR FUNCTION ASSESSMENT

UPPER EXTREMITY ARTERY

Hypertension Score: **Abnormal**

CASP (mmHg)	150	116	121	ABNORMAL
Marker of the pressure at the root of the heart.				
Peripheral Aix (%)	76	75	100	BORDERLINE
Marker of aortic stiffness.				
Brachial BP:				
SYSTOLIC R (mmHg)	165			
DIASTOLIC R (mmHg)	106			
PULSE R (mmHg)	59			

ENDOTHELIAL FUNCTION

Endothelial Score: **Borderline**

PTGi (V/s)	56.1	25	40	NORMAL
Marker of endothelial homeostasis.				
Stress Index (%)	91	180	500	NORMAL
Marker of inflammation.				
PTG SD Index (ratio)	0.56	0.42	0.55	ABNORMAL
Marker of vascular tone.				

LOWER EXTREMITY ARTERY

Peripheral Artery Score: **Normal**

Left ABI (ratio)	1.10	0.90	1.0	NORMAL
Marker of the left leg large artery.				
Right ABI (ratio)	1.06	0.90	1.0	NORMAL
Marker of the right leg large artery.				
baPWV (cm/s)	894	1550	1800	NORMAL
Marker of lower extremity artery stiffness.				
Left Ankle BP:				
SYSTOLIC R (mmHg)	181			
DIASTOLIC R (mmHg)	93			
Left Diastolic ABI (ratio)	0.88			
Right Ankle BP:				
SYSTOLIC R (mmHg)	174			
DIASTOLIC R (mmHg)	77			
Right Diastolic ABI (ratio)	0.73			

COLOR MEANING:

Abnormal

Borderline

Normal

NC = Non-Compressible



AUTONOMIC NERVOUS SYSTEM ASSESSMENT

CARDIAC AUTONOMIC REGULATION

Cardiac Autonomic Regulation Score: **Normal**

Total Power (ms ²)	817	500	780	NORMAL
Marker of the overall ANS activity at rest.				
HF (ms ²)	275	122	179	NORMAL
Marker of the parasympathetic activity at rest.				
LF/HF (ratio)	0.79	2	3.5	NORMAL
Marker of ANS balance at rest and mental stress.				
SDANN (ms)	35	25	40	BORDERLINE
Marker of ANS regulation at rest.				

CARDIOVAGAL REFLEX TESTS

Cardiovagal Score: **Borderline**

RR / SP Valsalva R. (ratio)	0.98	0.85	0.95	NORMAL
Marker of baroreceptor sensitivity.				
E / IR. (ratio)	1.25	1.15	1.18	NORMAL
Marker of cardiovagal innervation.				
K30/15 R. (ratio)	1.00	1.02	1.08	ABNORMAL
Marker of cardiac function at standing position.				

SYMPATHETIC REFLEX TESTS

Sympathetic Score: **Normal**

SP Valsalva Recovery (ratio)	1.00	0.85	0.95	NORMAL
Sympathetic response during Valsalva test.				
SP K30/15 Recovery (ratio)	1.05	0.85	0.95	NORMAL
Sympathetic response during change of posture.				

SUDOMOTOR TESTS

Small Fiber Neuropathy Score: **Normal**

Sweat Peak (mV)	1000	768	1000	NORMAL
Marker of the active sweat gland nerve function.				
NO PEAK (mV)	844	576	832	NORMAL
Marker of the skin microcirculation.				



PTGTP* is a marker of insulin resistance



COMMENTS



TRENDS



GRAPHICS



CMB MONITORING

THIS TEST RESULTS DASHBOARD

will give you a quick snapshot of the many Clinical Outputs the NMS-100 can produce. This highly accurate and comprehensive data allows you to immediately analyze and assess many critical health conditions all in one comprehensive list.



OUR PLATFORM PROVIDES YOU POINT OF CARE ASSESSMENT IN THE EARLY DETECTION OF:

- Peripheral Artery Disease
- Cardiac Autonomic Neuropathy
- Small Fiber Neuropathy
- Early detection of Insulin Resistance
- Cardiometabolic Disease
- Coronary Artery Disease
- Inflammation & Arterial Stiffness
- Hypertension



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“YOU ALSO GAIN
ACCESS TO
additional data that
can be printed out in
a patient report that is
available
immediately after the
test is taken,,

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NMS - 100 REPORT CARDIOVASCULAR RISK FACTORS

Page 3
Visit Date: 7/21/2018
Visit Time: 9:54

Patient Name: Estela Samples
Gender: Female
DOB: 10/25/1958
Age: 59

HR: 98
Height: 5' 4"
Weight: 159 Lbs
BMI: 27.1

Physician Name:
Clinic or Hospital
Address:
Referral:

Overview

VASCULAR ENDOTHELIAL HOMEOSTATIC MARKERS

PTG = Photoplethysmography VLF = Very Low Frequency

PTG Total Power	(mW)	410	406	508	BORDERLINE
Homeostatic marker of insulin resistance					
PTG Index	(%)	33.3	25	40	BORDERLINE
Homeostatic marker of immune system					
PTGVLF Index	(% & 1 mHz)	24	32	60	ABNORMAL
Homeostatic marker of fibrosis					
Stress Index	(%)	571	180	500	ABNORMAL
Homeostatic marker of systemic inflammation					
PTG Augmentation Index	(%)	0.53	0.45	0.55	BORDERLINE
Vasodilator homeostatic marker					

BODY COMPOSITION / DIET MARKERS

Reflects the patient's healthy and balanced diet.

Dry Lean Mass	(%)	20	20	23	BORDERLINE
Muscles and bones percent of the total weight					
Body Fat Mass	(%)	35	25	27	ABNORMAL
Fat mass percent of the total weight					

AUTONOMIC NERVOUS SYSTEM / FITNESS MARKERS

Total Power	(mW)	258	512	768	ABNORMAL
Max marker of the ANS activity at rest					
Power HF	(%)	39	15	22	NORMAL
Parasympathetic activity at rest					
LF / HF Ratio		1.3	0.6	2	NORMAL
Marker of ANS balance					
SDANN	(mW)	19	25	40	ABNORMAL
Marker correlated to VSD max					

VLF = High Frequency LF = Low Frequency SDANN = Standard Deviation Average Normal to Normal

DISCLAIMER: All results should be considered within the clinical context of the patient's case, history, symptoms, known diagnosis, findings from other diagnostic studies, current medications, treatment plan and therapies. The interpretation of the results is the responsibility of the medical doctor.

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NMS - 100 REPORT VASCULAR FUNCTION ASSESSMENT GRAPHICS

Page 3
Visit Date: 7/21/2018
Visit Time: 9:54

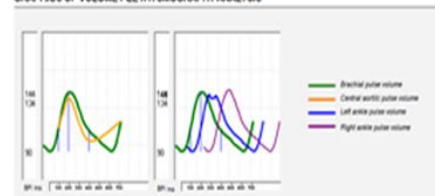
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Gender: Female
DOB: 10/25/1958
Age: 59

HR: 98
Height: 5' 4"
Weight: 159 Lbs
BMI: 27.1

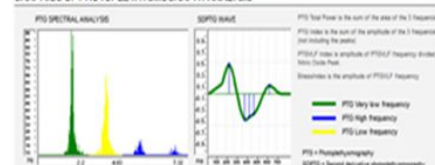
Physician Name:
Clinic or Hospital
Address:
Referral:

Overview

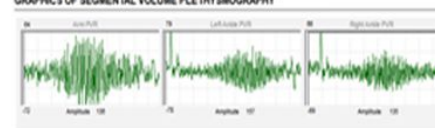
GRAPHICS OF VOLUME PLETHYSMOGRAPHY ANALYSIS



GRAPHICS OF PHOTOPLETHYSMOGRAPHY ANALYSIS



GRAPHICS OF SEGMENTAL VOLUME PLETHYSMOGRAPHY



DISCLAIMER: The interpretation of the graphics is the responsibility of the medical doctor.

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NMS - 100 REPORT HEMODYNAMICS ASSESSMENT

Page 2
Visit Date: 7/21/2018
Visit Time: 9:54

Patient Name: Estela Samples
Gender: Female
DOB: 10/25/1958
Age: 59

HR: 98
Height: 5' 4"
Weight: 159 Lbs
BMI: 27.1

Physician Name:
Clinic or Hospital
Address:
Referral:

Overview

CLINICAL CONTEXT

BLOOD PRESSURE ANALYSIS

Brachial Systolic Pressure	(mmHg)	144	130	160	BORDERLINE
Blood pressure when heart contracts					
Brachial Diastolic Pressure	(mmHg)	90	85	100	ABNORMAL
Blood pressure when heart relaxes					
Pulse Pressure	(mmHg)	54	35	60	BORDERLINE
Delta systolic minus diastolic pressures					
Central Aortic Systolic Pressure	(mmHg)	134	123	126	ABNORMAL
Marker of the pressure at the aorta					

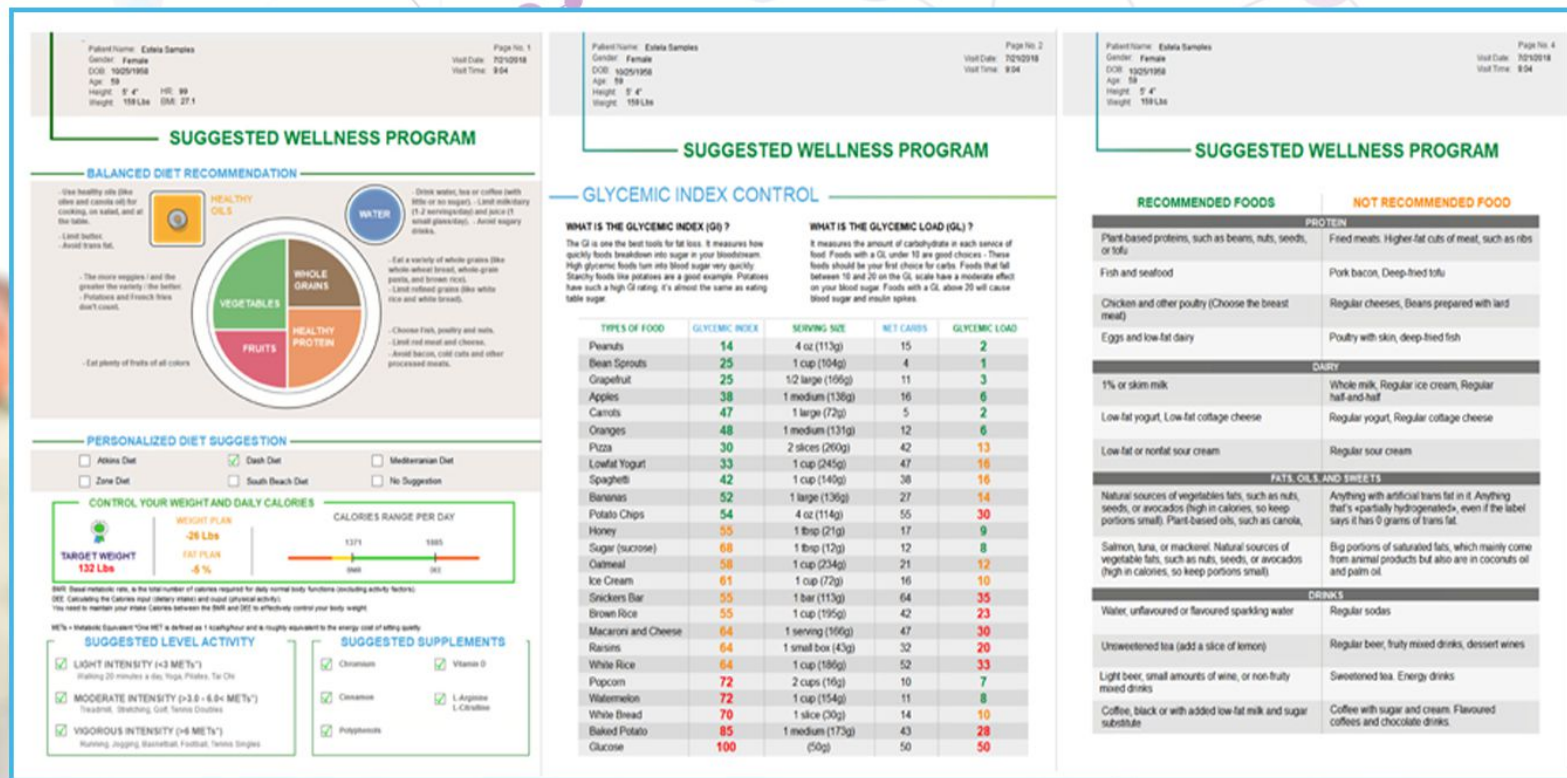
ARTERY STIFFNESS MARKERS

PTG Second Derivative Index	(mW)	0.69	0.42	0.95	ABNORMAL
Postural small artery vascular tone					
Peripheral Augmentation Index	(%)	82	75	100	BORDERLINE
Marker of aortic stiffness					
ba Pulse Wave Velocity	(cm/s)	1504	1550	1800	ABNORMAL
Marker of the lower extremity arterial stiffness					

LOWER ARTERY MARKERS

Left Ankle Brachial Index (ABI)		0.94	Right Ankle Brachial Index (ABI)		1.03
Marker of the left leg large artery			Marker of the right leg large artery		
1.0 or more	1.39-1.00	0.99-0.91	0.90-0.81	0.80-0.61	0.60 or less
Non-compressible	Normal	Acceptable	Borderline	Abnormal	Severe
Brachial	SPRINKLE R, (mmHg)	144	DNAROLK R, (mmHg)	90	
Left Ankle	SPRINKLE R, (mmHg)	135	DNAROLK R, (mmHg)	77	
Right Ankle	SPRINKLE R, (mmHg)	148	DNAROLK R, (mmHg)	81	

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AS WELL AS THE ABILITY TO OFFER A
personalized wellness plan that is automatically customized based on the test results for each patient.

- **This is a turnkey platform that produces significant financial benefits for the practice generated by device reimbursements and other additional revenues.**
- **Our cutting-edge technology and operating platform will improve your patient outcomes, resulting in more productive and efficient visits, while adding to your bottom line.**
- **Essentially, the **NMS platform** allows the physician to capture significant revenue that would otherwise be referred out.**



- **NMS provides an on-site Client Implementation Team offering total support that is comprehensive.**
- **This includes extensive training, clinical education, detailed billing protocols and med tech placement for quick and easy platform integration.**
- **Best of all, NMS will assume the payroll expense of the med tech that performs the test, whether we place them, or you elect to use a member of your staff.**



- **Our Clinical Consultant can give you all the details supporting our incredible NMS-100 platform and what it will do for your practice.**
- **You can set a brief no obligation 20 to 30-minute call with one of NMS' Clinical Consultants right NOW on this page.**
- **Please refer to the appointment schedule below for a time that will work best for you. You simply choose the time and we will send you an invite for a comprehensive review by tele conference and screen share.**

