



Meridian

DIGITAL PULSE ANALYZER

with HRV Test & DPA Expert Software



MERIDIAN

A brilliant, all-in-one, technological breakthrough by Meridian Co. Ltd., South Korea

Autonomic Nervous System Test Heart Rate Variability (HRV) Test Endothelial Function Test

**FDA Approved ♦ Non-invasive ♦ Attractive Insurance Reimbursement
♦ Fast ROI ♦ User-friendly ♦ Instant Reports**

Critical Cardiovascular Information on your finger tips!



Digital Pulse Analyzer



MEDPRO MÓVIL LLC.

An Exclusive Distributor of
Meridian's DPA machines in the United States

1-800-935-7841



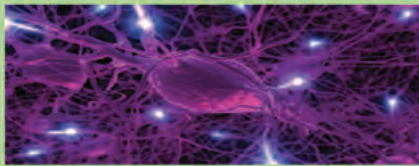
Digital Pulse Analyzer - a brilliant breakthrough!

DIGITAL PULSE ANALYZER is a breakthrough technology pioneered by Meridian Co. Ltd, South Korea. Today Meridian's all-in-one DPA/HRV system is widely used by physicians around the world in performing Autonomic Nervous System test & Heart Rate Variability measurement test in a seamless non-invasive five minute process. The System embodies a brilliant combination of today's cutting-edge technologies and innovative information system algorithms- thereby producing comprehensive but easy-to-read reports that puts important clinical information on cardiovascular health at the fingertips of treating physicians!

ANS failure predicts complication of diabetes and increased risk of Hypoglycemia and Cardiovascular events; **Low Heart Rate Variability** and ANS disorders are related to Cardiac disease (post MI, CHF, LVH), diabetes, epilepsy, connective tissue disorders (lupus-rheumatoid arthritis), nutritional deficiencies, chronic renal diseases, hypertension, depression, anxiety, panic attacks, chronic pain, constipation, silent inflammation, and genetic disorders. Arterial wall stiffness and in general **Endothelial Dysfunction** precedes the development of atherosclerosis.

Finally, with Meridian's intuitive, accurate, and cost-effective **DIGITAL PULSE ANALYZER & HRV SYSTEM**, the early detection of Cardiovascular & Diabetes complications has never been that easy and effective as now!

Autonomic Nervous System Test



ANS failure predicts complication of diabetes and increased risk of Hypoglycemia and Cardiovascular events

HRV TEST

Heart Rate Variability refers to the beat-to-beat alterations in the heart rate. Low Heart Rate Variability and ANS disorders are related to Cardiac disease (post MI, CHF, LVH), diabetes, epilepsy, connective tissue disorders (lupus-rheumatoid arthritis), nutritional deficiencies, chronic renal diseases, hypertension, depression, anxiety, panic attacks, chronic pain, constipation, silent inflammation, and genetic disorders.



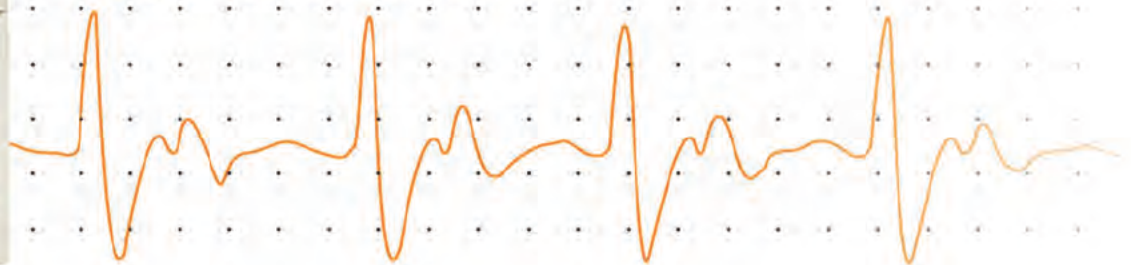
Endothelial Function Test



Endothelial dysfunction precedes the development of atherosclerosis



FDA, CE, CEMDD, HEALTH CANADA etc.



MEDPRO MÓVIL LLC.

is proud to bring the Digital Pulse Analyzer, one of today's most intuitive and amazing technologies to your office that not only improves upon your great patient care, it will add substantial revenue stream to your practice!

Call 1-800-935-7841
for immediate demo!



DIGITAL PULSE ANALYZER + HRV



Components :

DIGITAL PULSE ANALYZER
HRV MEASUREMENT SYSTEM
DPA EXPERT SOFTWARE
FINGER PROBE & USB CABLE

A Powerful New Tool for Health Care Professionals

Measuring the arterial pulse wave and using this to estimate the characteristics of the blood vessel walls and pulsatile function of arteries means that the practitioner has important prognostic and therapeutic information far beyond what can be obtained through traditional blood pressure measurements. You are able to provide your high-cardio-risk patients with a clear picture of their risk factors well in advance of serious or even life threatening events.

Digital Arterial Pulse-wave Analyzer

The DPA Photo-Plethysmograph is a FDA cleared medical device that accurately measures and analyzes pulse waveforms and heart rate. It provides information regarding changes in arterial blood volume and vascular resistance by way of a non-invasive, infrared light fingertip probe.

The measurement probe consists of a light-emitting diode (infrared LED) and a photodiode placed on opposite sides as a light receiver. The light from the LED is transmitted through the tissue at the sensor site. The Photodiode detects the changes in the amount of light absorbed by hemoglobin, which forms the PTG.

The DPA converts the changes of transmitted light into a waveform and displays digital values of pulse rate as well as a graphic display of the pulse waveform and indices on the LCD screen. The DPA also displays the second derivative pulse waveform (Accelerated Plethysmograph - APG) to provide a better evaluation of arterial aging.

The DPA measures:

- Pulse Rate
- Ejection time (Etc)
- Pulse Height (PH) – Pulse amplitude
- Ejection Elastic Index (EEI)– indicator of Left Ventricle ejection & elasticity of large arteries
- Dicrotic Dilation Index (DDI)- indicator of small artery compliance
- Dicrotic Elastic Index (DEI) – peripheral vessel elasticity (arterioles to veins)
- Software program to measure Heart Rate Variability (HRV)
- Software program will store all client information DPA Advantages
- Early detection of arterial wall elasticity and determination of biological arterial age in 1 minute.



Heart Rate Variability Testing (HRV)

The DPA utilizing the DPA Expert Software measures HRV that reflects the simultaneous affect of the Sympathetic Nervous System (SNS) and the Parasympathetic Nervous System (PSNS) on the heart, which results in a beat-to-beat variability on an electrocardiographic (ECG) rhythm strip. A change in the normal autonomic regulation of heart rate may reflect the impact of a stressor on the body and can detect the early signs of pathological developments or functional disorders, which may not be detected with routine physical or laboratory examinations.

- The Sympathetic Nervous System (SNS) produces the "fight or flight" response in stressful situations. It quickly mobilizes energy while increasing blood pressure, heart rate and blood flow to the muscles, which are all necessary for responding to short-term stressors.
- Conversely, the parasympathetic nervous system (PSNS) allows us to "relax and digest" in non-stressful situations. It counters the effects of the SNS and conserves the energy stores of the body. The PSNS promotes relaxation following a stressful event. It is most active during sleep, medication or other restful states. The PSNS is a biological marker for health reserves and adaptive capacity. It promotes relaxation and is important for sleep.

DPA Expert Software (S/W)

By utilizing the PC based DPA expert software program, the DPA is able to measure Heart Rate Variability (HRV) and provide the quantitative analysis of the stress response by time and frequency domains. It indicates the regulation status and balance of the autonomic nervous system. The Software analyzing DPA data provides:

- Early diagnosis on arteriosclerosis, high blood pressure, peripheral circulatory disturbance by PTG (Plethysmograph) and APG (Accelerated Plethysmograph) measurement
- Analysis on blood circulation status by PTG
- Analysis on blood vessel aging status by APG
- Ability to plan the treatment and follow up the patient under treatment in early stage
- Body response on stress evaluation
- Statistic process capability on the activity of the autonomic nervous system by quantitative analysis
- Saves the HRV data and analyze its data in terms of time and frequency domains in 5 min.
- Easy to evaluate the treatment methods or effectiveness of medicines
- Simple exam procedure
- Quick 1 – 5 minute(s) measurement time
- Convenient operation by automatic measurement / analysis
- Simple and fast operation by using Window software



Coding & Reimbursement

NUMBER OF TESTS PER WEEK

Tests per week	1 Year revenue	5 Year revenue
5	\$58,500	\$292,500
10	\$117,000	\$585,000
15	\$175,500	\$877,500

Based on average reimbursement of \$225 (total of 93922, 95921, 95922)

ROI	YEAR-1	800%	YEAR-5	4000%
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CPT Codes

93922	Limited bilateral noninvasive physiologic studies of upper or lower extremity arteries, (eg, for lower extremity: ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus bidirectional, Doppler waveform recording and analysis at 1-2 levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries plus volume plethysmography at 1-2 levels, or ankle/brachial indices at distal posterior tibial and anterior tibial/dorsalis pedis arteries with, transcutaneous oxygen tension measurement at 1-2 levels).
95921	Testing of autonomic nervous system function; cardiovagal innervation (parasympathetic function), including 2 or more of the following: heart rate response to deep breathing with recorded R-R interval, Valsalva ratio, and 30:15 ratio.
95922	Testing of autonomic nervous system function; vasomotor adrenergic innervation (sympathetic adrenergic function), including beat-to-beat blood pressure and R-R interval changes during Valsalva maneuver and at least 5 minutes of passive tilt.

ICD-9 Codes

250	Diabetes mellitus without mention of complication, type II or unspecified type, not stated as uncontrolled	401.9	Unspecified essential hypertension
		405.99	Other unspecified secondary hypertension
250.1	Diabetes with ketoacidosis, type II or unspecified type, not stated as uncontrolled	440.2	Atherosclerosis of native arteries of the extremities unspecified
		440.9	Generalized and unspecified atherosclerosis
250.7	Diabetes With Peripheral Circulatory Disorders, Type II Or Unspecified Type, Not Stated As Uncontrolled	493.2	Chronic obstructive asthma unspecified
		493.9	Asthma unspecified
250.8	Diabetes With Other Specified Manifestations, Type II or Unspecified Type, Not Stated As Uncontrolled	493.91	Asthma unspecified type with status asthmaticus
		493.92	Asthma unspecified with (acute) exacerbation
272.4	Other and unspecified hyperlipidemia	530.11	Reflux Esophagitis (Gerd)
278	Obesity Unspecified	530.81	Esophageal reflux
278.01	Morbid Obesity	780.2	Syncope and collapse
278.02	Overweight	780.4	Dizziness and giddiness

*These are suggested CPT/ICD9 codes. The Practitioner is responsible for compliance and appropriate use of these codes as applicable. Please consult a Certified Professional Coder before billing. Meridian Co. Ltd. & MedPro Movil LLC. does not assume any responsibility for the use of these codes by Practitioners.



IRS Section 179 Tax Deduction - 2014

Take advantage of IRS 179 Tax Deduction. Equipments bought or leased (non-tax/capital lease) and put into operation in 2014 qualify for a \$25,000 outright tax deduction. See the example below:

Cost of Equipment	Section 179 Deduction	Cash Savings assuming 35% Marginal Tax Bracket	Lowered Cost of Equipment after Tax Savings
\$7,500	\$25,000	\$2,625	\$5,000

The saving lowers the cost of owning the equipments, thereby resulting in less cost-per-test and increased ROI (Return on Investment)

The Finer Print : Tax Code Section 179 & Election to Expense

Election to expense, explained and filed on Form 4562, affects only the specific year that the equipment was put into service. You could also file an amended return within the legal amount of time. The cost of your entire equipment purchase to be depreciated for any year should not exceed your total taxable income. The definition of Section 179 equipment is specifically defined as property acquired by a purchase and intended to be utilized in your business. You may want to reference Publication 946 to read more about eligibility requirements. The Section 179 deduction is intended for taxpayers, not including trusts, estates and some specific non-corporate lessors who elect to treat the cost of qualifying property as an expense rather than a capital expenditure. Under these rules, your equipment costs may be deducted from your taxable income up to the approved amount for any specific year. The equipment must be installed by December 31, 2014. Any non-tax lease qualifies for this accelerated depreciation rule on equipment during the first year of use. Please remember that not every State follows this federal law. Please ask your tax adviser for additional information, or visit www.irs.gov for more details on this subject.

Information stated above is informational only and may change.

Purchase / Leasing Options

MedPro, in partnership with carefully selected and reliable leasing companies, offers most cost-effective and convenient leasing options to physicians. Please identify to our representative which of the following purchase / leasing options is most preferred by you:

Cash Purchase:

Check Wire-transfer Credit Cards PayPal

Capital Lease:

24 Months 36 Months 48 Months 60 Months

MedPro Movil LLC Financing:

In select cases MedPro Movil will finance your purchase. Pay 50% Down, and the remaining balance in 6 equal monthly installments.



SCIENTIFIC VALIDATION OF DIGITAL PULSE ANALYZER - HRV SYSTEM

Meridian's DPA/HRV device provides tools for the non-invasive assessment of the cardiovascular system. These tools are focused on the measurement of arterial stiffness, the autonomic function, and autonomic balance. The two branches of the autonomic nervous system are the sympathetic and parasympathetic nervous systems. The System also measures physical and emotional stress level. The core technology of HRV (Heart Rate Variability) and APG (Accelerated Plethmography) has been featured in several thousand published studies. The list of symptoms described in the studies include:

- Cardiovascular disorder
- Peripheral circulation disorder
- Chronic Stress

HRV is the degree of fluctuation in the length of the interval between heart beats in order to:

- Predict cardiovascular disease
- Analyze the functioning of the ANS (Autonomic Nervous System)
- Evaluate stress response

APG is the 2nd differential waveform of the pulsation from the finger probe in order to indicate and predict:

- Peripheral circulation disease
- Arterial Stiffness
- Cardiovascular disease

Below are Conclusions from Clinical Studies & Peer Reviews conducted by medical institutions around the world, validating accuracy and effectiveness of Meridian's DPA. For copies of studies in full-length, please contact our representative at 1-800-935-7841 or fax your request to 1-800-732-1219.



MEDPRO MÓVIL LLC.

**On - site
Medical Diagnostic
Services**

**Cutting-edge
Medical Equipments
& Technologies
(Reseller)**

**Revenue
Maximization
Consulting**

