

Automatic Diabetic Foot Analyzer DIABETIK eZyLAB

The eZyLAB is a fully automated diabetic foot screening system without the complexity of Doppler ultrasound. It uses a state-of-the-art, neural algorithm Oscilometry ABI method for vascular screening. This process is fully automated, requiring only 4 cuffs connected simultaneously (no probes needed), and measures both Resting ABI and Exercise ABI. The eZyLAB includes Biothesiometry (VPT), Monofilament 10gm, Plantar Pressure (Podiascan), and Plantar Foot Thermometer.

Features:

Vascular Screening Section:

- Only 4 BP cuffs are needed.
- No probes or sensors.
- Measurement in 4 minutes.
- Resting ABI & Exercise ABI.
- Systolic, Diastolic pressures, MAP, Pulse Pressure and interpretations.

Diabetic Neuropathy Section:

- 0 to 30Volts vibration intensity
- 125Hz vibration frequency
- 10gm calibrated monofilament

Plantar Pressure Measurement Section:

- High-quality Harris Mat - FM1111
- Resolution of the Harris Mat is 1mm x 1mm
- Measurable mat length – 140mm x 305mm
- Software to produce image processing
- Colourful patient report

Foot Temperature Section:

- Quality IR sensor based thermometer
- Accuracy is +/- 2 degree
- Low battery indicator
- Low/High alarm facility

Computer Connectivity:

- Automatic USB connectivity
- Software is compatible with Windows OS 7,8,10 and 11
- Editable Hospital details, including their logo.
- Supports HP, Canon, and EPSON flatbed all-in-one printers
- Software generates ABI, PVR, VPT, MF10gm, Foot pressure mapping, and foot temperature reports
- Colour Report printed on A4-size plain paper

General:

- Dimensions : 288mm (W) x 260mm (D) x 120mm (H)
- Weight without accessories: 3kg
- Power consumption: 40VA
- Operating Voltage: 150Volts to 250Volts, 50Hz

For More Details, contact –



Diabetik Foot Care India Pvt Ltd

18/1, Kannappa Nagar 3rd Main Road, Thiruvanmiyur, Chennai 600041

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Email: mesmedi@gmail.com; URL: www.diabetikfootcareindia.com



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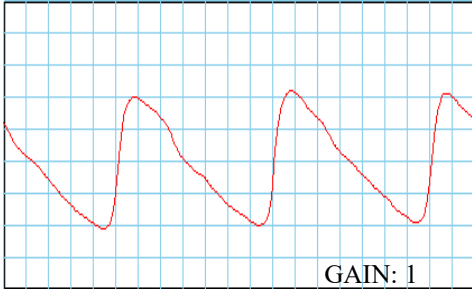


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 Name : Mr.Kumar
 Age : 32Yrs

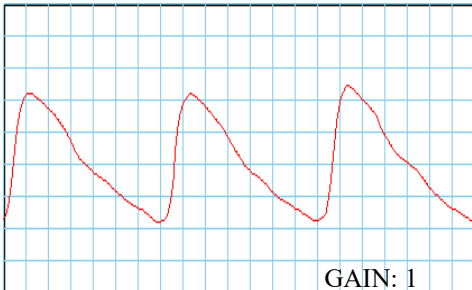
Gender : Male
 Date : 30/Oct/2025 12:34:27 PM Visit : 1
 Referral : Dr.

Ankle Brachial Index for ABI Report

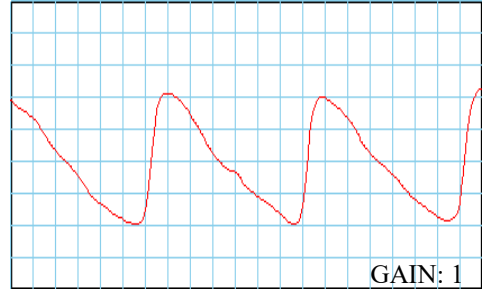
Right Brachial PVR



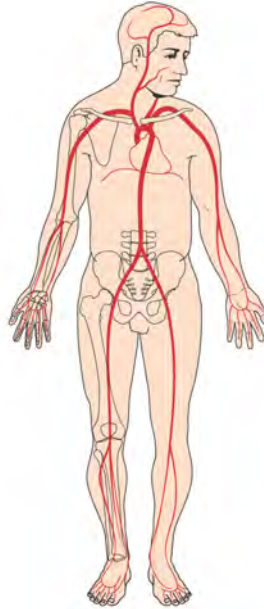
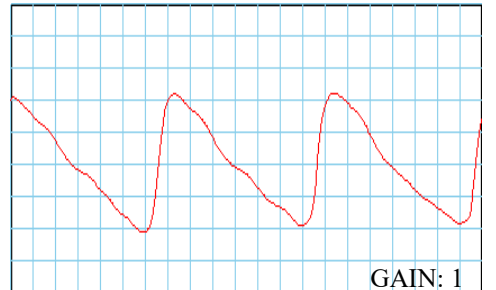
Right Ankle PVR



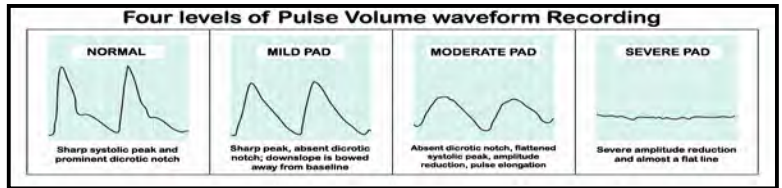
Left Brachial PVR



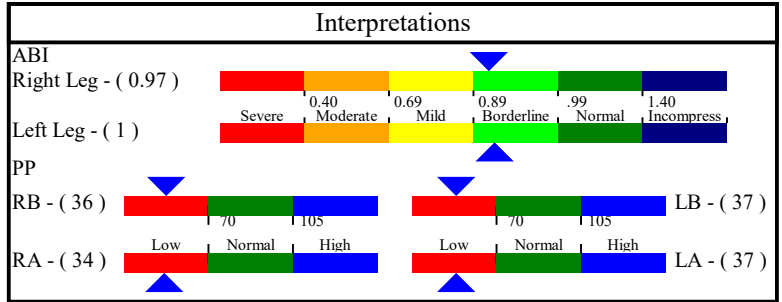
Left Ankle PVR



RESTING VALUES in mmHg					
Site	Sys	Dia	HR	MAP	PP
Rt.Brachia	115	79	80	91	36
Rt.Ankle	113	79	80	90	34
Lt.Brachial	116	79	80	91	37
Lt.Ankle	116	79	80	91	37



TEST RESULTS VALUES & OBSERVATIONS			
Parameter	Normal	Measured	Interpretations
Heart Rate	60-100	80	NORMAL
Blood Pressu	120/80	116/79	NORMAL
Pulse Pressur	30-50	36	NORMAL
MAP	75-105	91	NORMAL
R - ABI	1.0-1.4	0.97	NORMAL
L - ABI	0.91-1.	1	NORMAL



*This report is based on oscillometry method, not a Doppler method
 (It is recommended to do the Exercise ABI Test when the patient has borderline PAD)

NR - Not Recorded

Comments

Arterial study of both lower limbs reveals normal findings, with no evidence of peripheral arterial disease

Impressions

Normal arterial study – both lower limbs.

Consultant : Dr.Moushik
 Specialisation : Diabetologist



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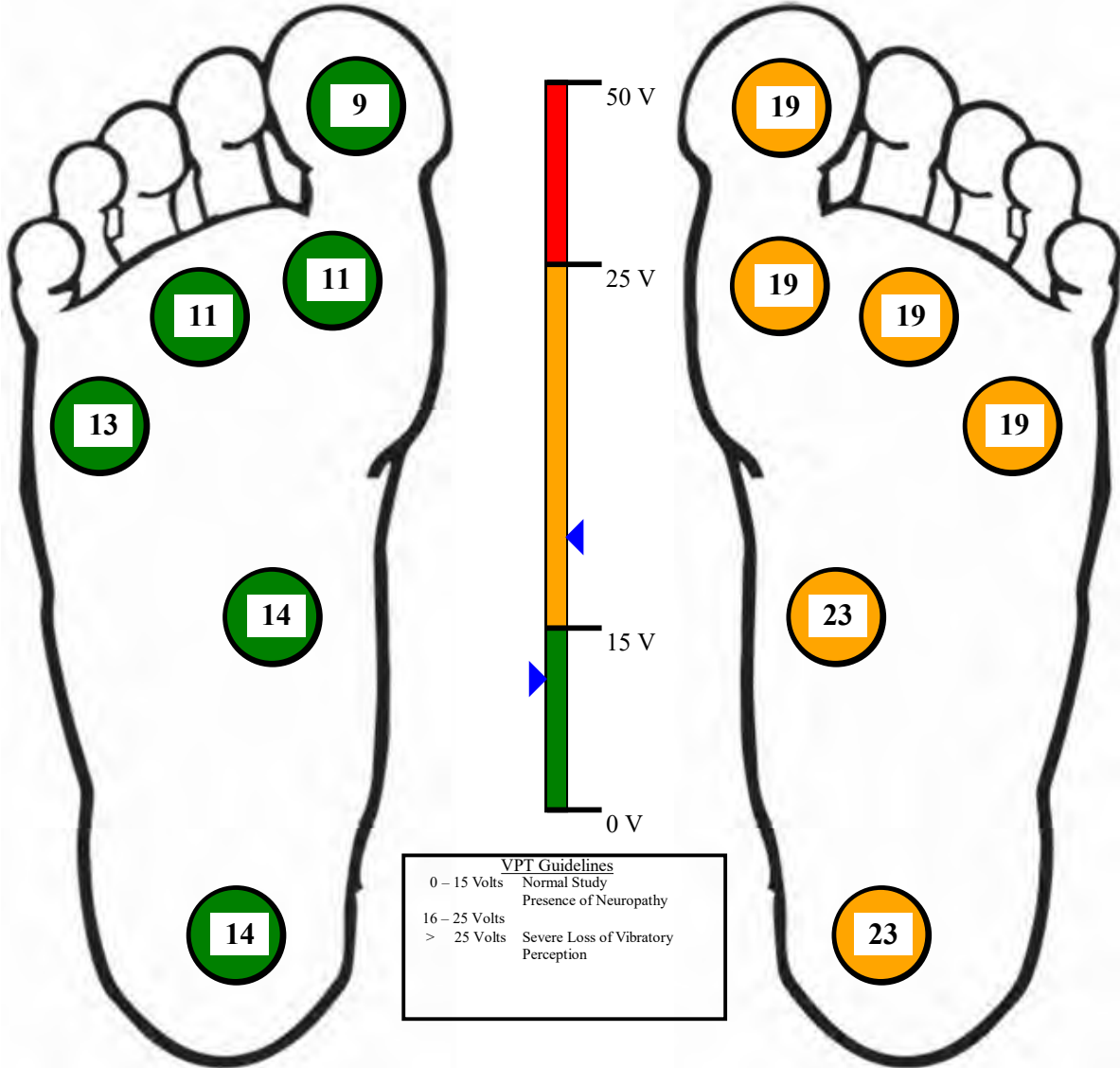
18/1, Kannappa Nagar 3rd Main Road, Thiruvanniyur, Chennai 600041
Phone: +91-44-43564129 Email id: mesmedi@gmail.com



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Gender : Male
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Biothesiometry Report for VPT



AVERAGE : (in Volts) 12

20

Interpretations :

Right: Normal Study

Left : Presence of Neuropathy

NR - Not Recorded

Remarks :

Consultant : Dr.Moushik
Specialisation : Diabetologist

Examiner : Arun



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Monofilament 10gm Report



Interpretations : ✓ - Present XX - Absent NR - Not Recorded

Right: Intact Protective Foot Sensation. Possible Low Risk for Foot ulceration.

Left : Impaired Protective Foot Sensation. Possible High Risk for Foot ulceration.

Remarks :

Consultant : Dr.Moushik
Specialisation : Diabetologist

Examiner : Arun



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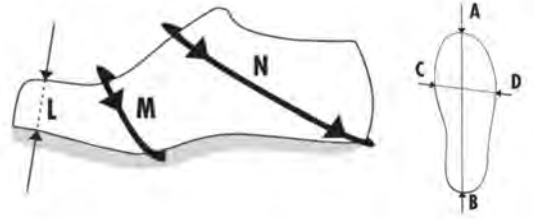
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Plantar Pressure Report

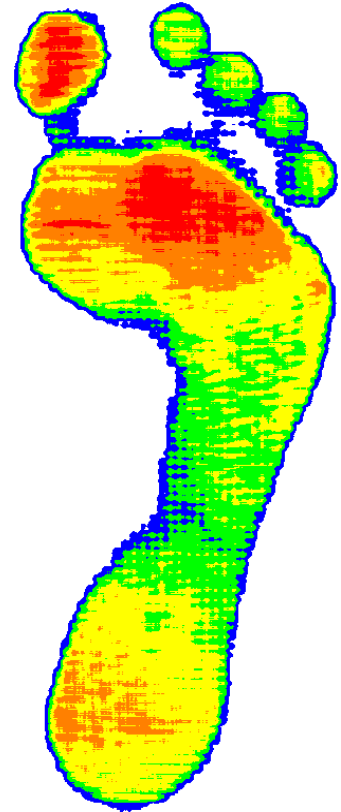
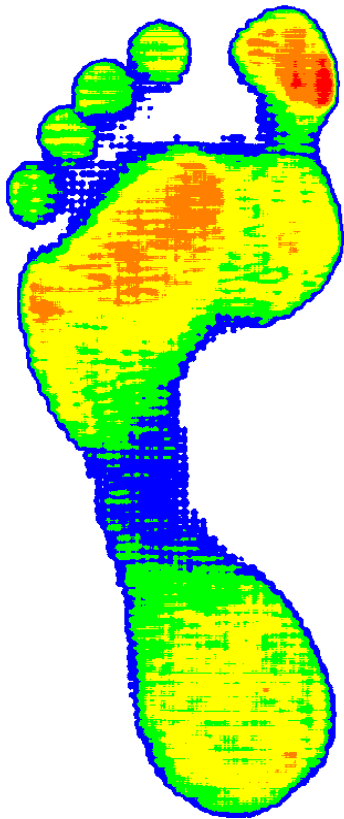
MEASUREMENT & RESULTS

	Footwear (cms)				
	A-B	C-D	M	N	L
Right Foot	26.00	14.00	29.00	40.00	13.00
Left Foot	26.00	14.00	29.00	40.00	13.00



Left Foot

Right Foot



Remarks :

NR - Not Recorded

Consultant : Dr.Moushik
Specialisation : Diabetologist

Examiner : Arun



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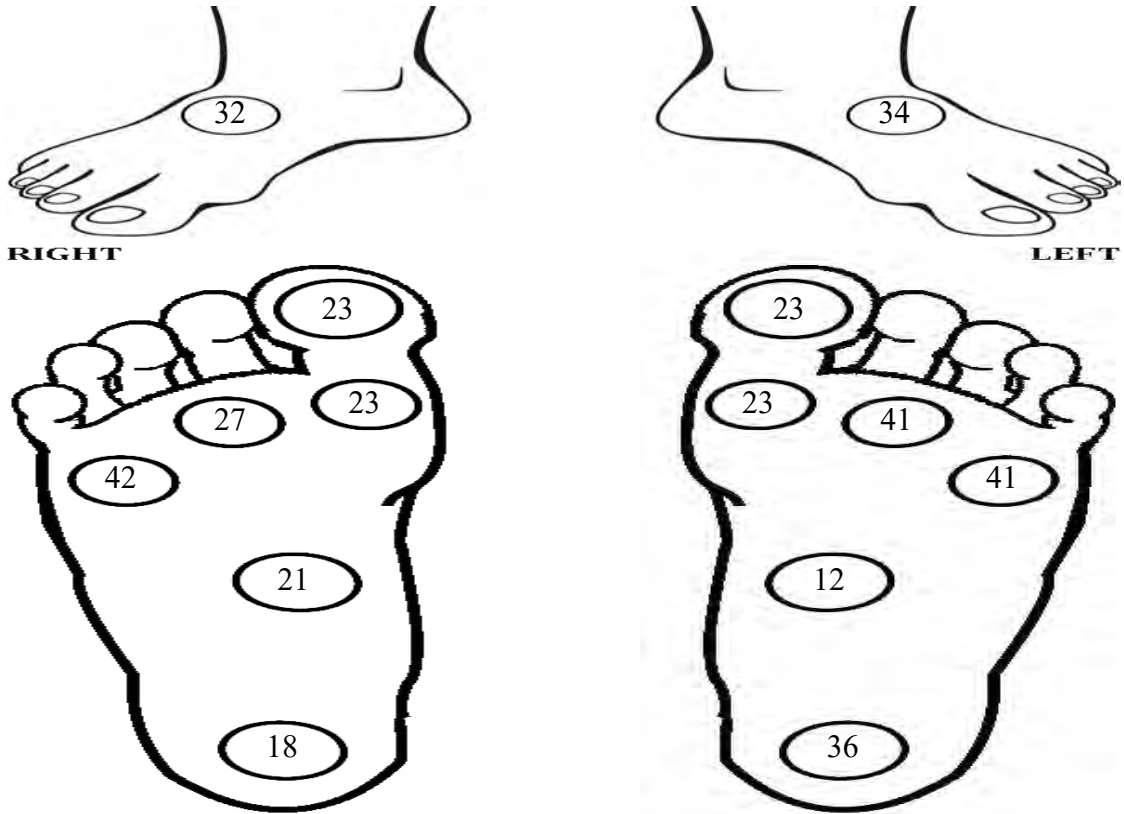
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Plantar Temperature Report



Measurement Points	Right Foot	Left Foot	Difference	(°C)
Great Toe	23	23	0	
I MTH	23	23	0	
III MTH	27	41	14	
V MTH	42	41	1	
Instep	21	12	9	
Heel	18	36	18	
Dorsum	32	34	2	

(Elevated Temperature gradients between feet $> 4^{\circ}\text{F}$ ($>2.2^{\circ}\text{C}$) are considered to be 'at risk' of ulceration due to inflammation.)

Remarks :

NR - Not Recorded

Consultant : Dr.Moushik
Specialisation : Diabetologist

Examiner : Arun