

Simple Plantar Pressure Measurement System (Foot Scan)

Product Code: **PODIASCAN[®]**

Feet provide the primary surface of interaction with the environment during locomotion. Thus, it is important to diagnose foot problems at an early stage for injury prevention, risk management and general wellbeing. Although plantar pressure data have been recognized as an important element in the assessment of clients with diabetes and peripheral neuropathy, information derived from plantar pressure data also can assist in determining and managing the impairments associated with various musculoskeletal and neurological disorders. Plantar pressure measurement systems identify and quantify areas of high pressure, helping you diagnose the root cause of lower extremity problems and design more effective offloading devices.



The **Podiascan** foot pressure mapping system consist of a Harris mat Foot Imprinter model **FM1111**, Windows based image analysis software and patient reporting software. HP make Scanner copier printer model HP 2050 series or equivalent is an optional item. By using our Harris mat in conjunction with scanner and image analysis software, the system produces an enhanced full colour representation of the sole of the foot. Our new Podiascan software captures the pressure area accurately and also has provision to include the physical observation and ABI, VPT and MF data in the report.

Original design and first to introduce in India, as early as 2005.

Features:

- ◆ Software supports Windows Xp, 7, 8 and 10 operated computer
- ◆ Footwear measurement can be entered in the software
- ◆ ABI, VPT, MF scores and measurements can be added in the report
- ◆ Software converts even a very light image without dropping the image
- ◆ Export in pdf option
- ◆ Patient report can be directly emailed from software to a footwear supplier

Diagnostic uses include:

- ◆ Identifying areas of potential ulceration
- ◆ Pre and Post surgical evaluation
- ◆ Determining the degree of pronation and supination
- ◆ Screening diabetics and other neuropathy patients
- ◆ Monitoring regenerative foot disorders
- ◆ Determination of orthotic efficacy

PODIASCAN system is supplied with Foot Imprinter Harris Mat(with accessories), An interface box to computer, A licensed software to capture the gray scale image, converts the grey scale image into a colour scale and to generates a patient report.

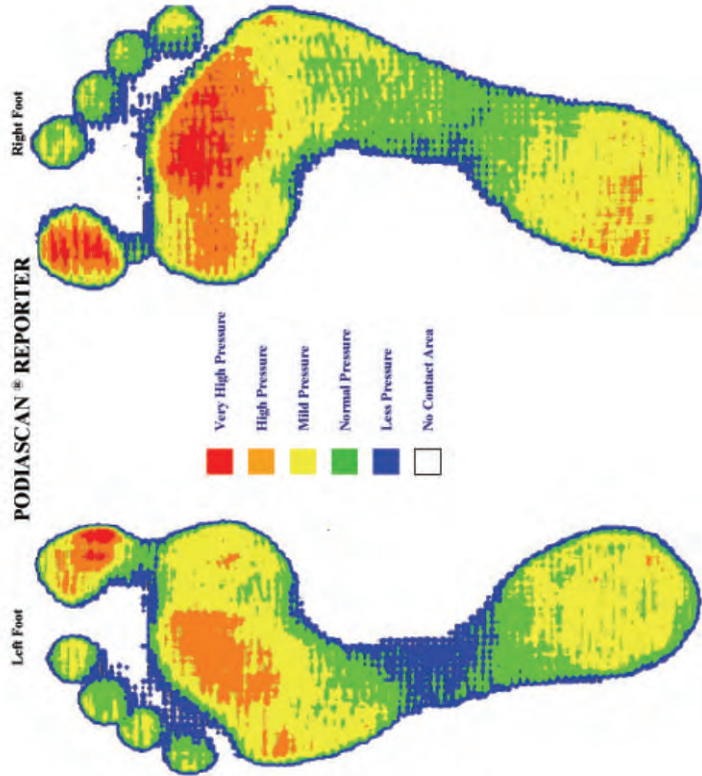


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ID : 010620161635
 Name : Ms Nirmala Devi
 Age : 45Yrs

Gender : Female
 Date : 01/Jun/2016
 Referral : Dr. Ram Kumar

Visit : 1



Observation : DM since 10 Years
 High Pressure on both great toes and 3rd MTH area.
 Absence of VPT and MF indicates high-risk foot.

Consultant : Dr. Rajendra Kumar
 Specialisation : Consultant Diabetologist

Technician : Ramesh

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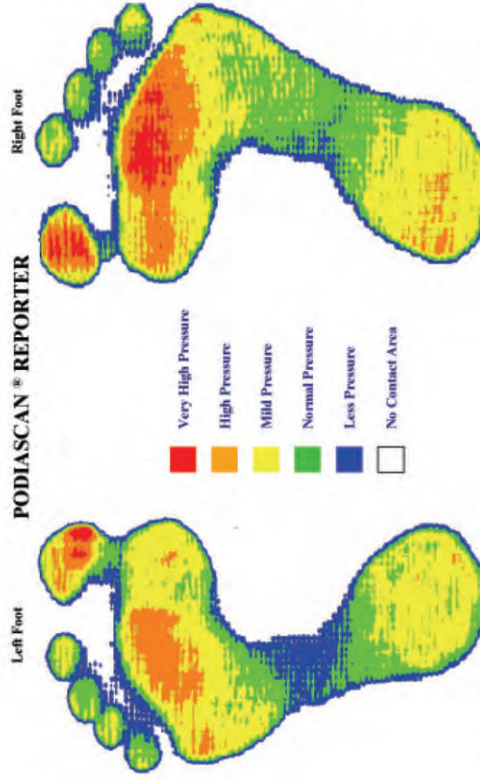
PHYSICAL EXAMINATION
 Previous Foot Ulcer : No
 Previous Amputation : No
 Numbness or tingling : No
 Skin thick, fragile or shiny : Yes

Foot or Ankle Swollen : No
 Calluses or Blisters : No
 Redness or Warmth : No
 Bunion deformities : No

MTH Prominent : No
 Ankle deformities : No
 Charcot deformities : No
 Improper Footwear : Yes

MEASUREMENT & RESULTS

	Ankle Brachial Index (ABI)	Biothesiometry Study (Volts)	Monofilament Study		Footwear (cms)			
			ACB	C-D	M	N	L	
Right Foot	1.06	42	Absent	25.00	10.00	24.00	40.00	5.00
Left Foot	1.10	42	Absent	25.00	10.00	25.00	42.00	5.00



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