

>> **DIABETIC FOOT LINE**

Clinic, Kolkata. Some news for all those suffering from feet problem owing to diabetes: Kolkata will soon get a specialised diabetic footwear line. Diapro Footwear will be available for both men and women and in different styles. The introductory price of this will be around Rs 1

The Times Of India
14th April 2008

The footwear will help patients suffering from

- >> Diabetes
- >> Neuropathy
- >> Foot ulcer
- >> Foot skin disorder
- >> Toe amputation
- >> Leg deformity
- >> Foot callus or corn

(Inputs from specialist of Diapro Footwear Line)



DIAPRO-DIASOLE

Is a versatile shoe, made of special protective inserts and soft shoe materials, designed to ensure proper biomechanical support that reduce shear force. Therefore reduces risk of DIABETIC ULCERS.

Here are few things to look for in a diabetic shoe.

- ◆ Your diabetic shoe should fit well. A diabetic shoe with adjustable closures-like Hook-and- Loop-often provides the best fit, since you can make the fit larger or smaller as required.
- ◆ Your diabetic shoe should have a high and wide toe box to prevent chafing and pinching that can harm the toes.
- ◆ Diabetic shoes should be “seamless” and without any rough spots.
- ◆ Diabetic shoes should be “extra-protective” as diabetic patients are at a great risk for developing blisters, bleeding and lesions between the toes.
- ◆ Your diabetic shoe should have some extra depth added into the structure. Ones that provided for an accommodation orthotics work best.
- ◆ Insoles are an integral part of proper foot care. Arch supports, inserts, and orthotics, all fall into category as a supportive foorbud that controls the foot.

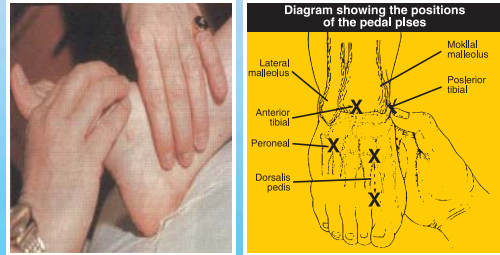
Insoles will help “level out the playing field” of your stance and add comfort to your stride. Insoles take the pressure off different areas of the feet such as the heel and the bell-of-the foot that give people the most problems.

A diabetic patient faces many challenges in his life. Talking proper care of your feet is an excellent start to living a healthy and active life.

Do not take your feet for granted when you purchase footwear

Proper diabetic shoes decrease the chance of foot ulcers, which can be caused by friction and pressure. This may lead to infection, gangrene or even foot amputation.

If problems do occur, do not waste time trying to solve the situation, **consult a Doctor immediately.**



INNOVATIVE DIABETIC TECHNOLOGIES



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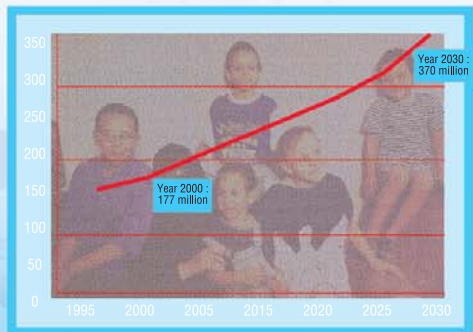
E-mail : diapro_dr@yahoo.com

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Diabetes-Prevalence

Introduction

- Lower limb lost to diabetes every 30 sec = 1 million people per year.
- The primary cause of lower limb amputation is foot ulcers.
- In developed countries 1 in 6 with diabetes will develop a foot ulcer
- Statistics for developing countries are worse.
- Foot lesions 7% of people with diabetes Mellitus (DM)
- Factors delaying wound healing
 - Impaired wound healing in DM
 - Barrier to early referral and assessment
- Amputations occur due to Peripheral vascular disease, Neuropathy and several infection.



- Repetitive stress is the most common cause e.g. ill fitting shoes.
- Foreign objects in shoes, long toenails, blunt force trauma.
- Seemingly minor injuries could fracture bones or damage tissue.

MAJOR RISK FACTORS FOR DIABETIC ULCERS

- Peripheral Neuropathy
- Autonomic Neuropathy
- Foot Trauma
- Peripheral Arterial Disease (PAD)



GAUSATIVE FACTORS

- Foreign bodies
- Improper nail pairing
- Nail infections
- Sensory and motor loss
- Corns, callosities
- Foot deformities
- Trauma, burns
- Bare foot walking and improper shoe wear

PREVENTION

Is the Step towards solving diabetic foot problems by :

- Regular foot examination by healthcare professionals
- Identifying the high risk foot
- Educating people with diabetes about foot care

PREVENTION - 2

Foot Care

- Examination at bed time: cut, abrasion, foreign body, redness, blister, Callosity/corn and local rise of temperature at any point. Must be done by someone with good vision in good light
- Pairing of nails
- International web cleaning and examination, use of antiseptic powder

PREVENTION-1

Foot rehydration especially at night

Proper foot wear

- Well fitting, pressure offloading, soft, no shoe laces.
- No bare foot walking
- Socks-cotton, wash daily, wear reversed, change frequently

PREVENTION-3

- Must examine shoe before wearing
- Must be treated like a newborn child
- Foot examination should be a part of every clinical visit
- Must contact the doctor at the slightest problem

RESULT OF A GOOD FOOT WEAR

- Studies show 19% recurrence rate of healed ulcer in patients with modified shoes
- Compared to 90% recurrence rate in patients with normal foot wear.

DIABETIC FOOT WEAR

Shoes designed to customize to the feet for comfort and protection. Recommended by foot health professionals for **diabetes, arthritis, and forefoot disorders** such as bunions and hammer toes.

A Diabetic Barefoot and the same foot with DIAPRO INSOLE, clearly showing results of DIAPRO FOOTWEAR. →

