

Outcome Step by Step projects in India and Tanzania

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Foot Facts







Foot facts

• People with diabetes are 25 times more likely to lose a leg than people without the condition

• Throughout the world, up to 70% of all leg amputations happen to people with diabetes





Foot facts

• In developed countries one in every six people with diabetes will have an ulcer during their lifetime

• In developing countries, foot problems related to diabetes are thought to be even more common







THE LANCET

Volume 366 Number 9498 Pages 1673-750 November 12-18, 2005

www.thelancet.co

"Every 30 seconds a lower limb is lost somewhere in the world as a consequence of diabetes."

See Review page 1719

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SIDESTEP: ertapenem for diabetic foot infections Seepage 1696

Articles

Wound therapy after diabetic foot amputation Seepage 1704

Articles

Skin microcirculation and muscle metabolism of diabetic foot See page 1711

Review

Treatment of diabetic foot ulcers Seepage 1725

Review

Wound healing in diabetic foot See page 17:36



£5.00 Registered as a newspaper-ISSN 0140-6736 Founded 1823- Published weekly



International Working Group on the Diabetic Foot 1996 IDF Consultative Section on the Diabetic Foot 2000





National initiative for diabetic foot care and prevention of amputations







World population 2005

- Total: 6.5 billion
- For every 100 inhabitants in the world
 - 61 live in Asia
 - 14 in Africa
 - 11 in Europe
 - 9 in Latin America
 - 5 in Northern America
 - $\overline{-}$ < 1 in Oceania





Aim:

improving diabetic foot care in the developing world by providing education for people with diabetes based on the Step by Step model







March 2003 visit WDF Dar es Salaam, Tanzania



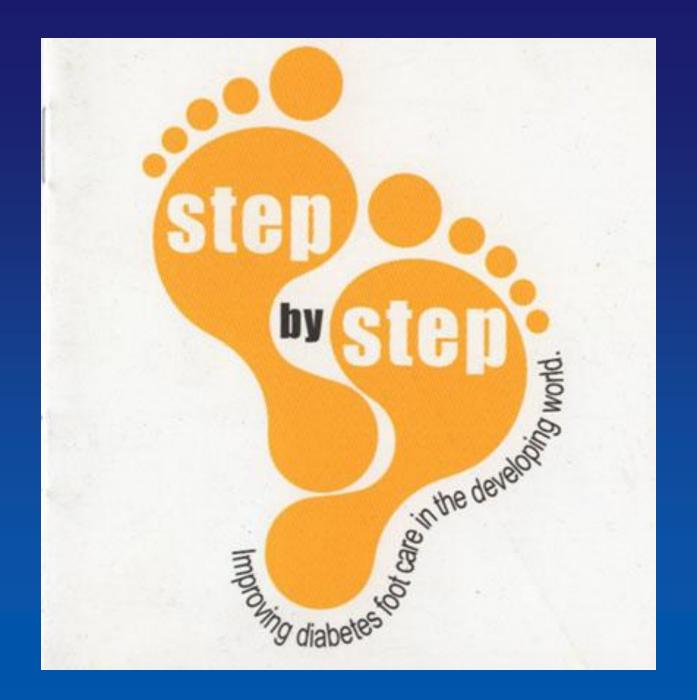






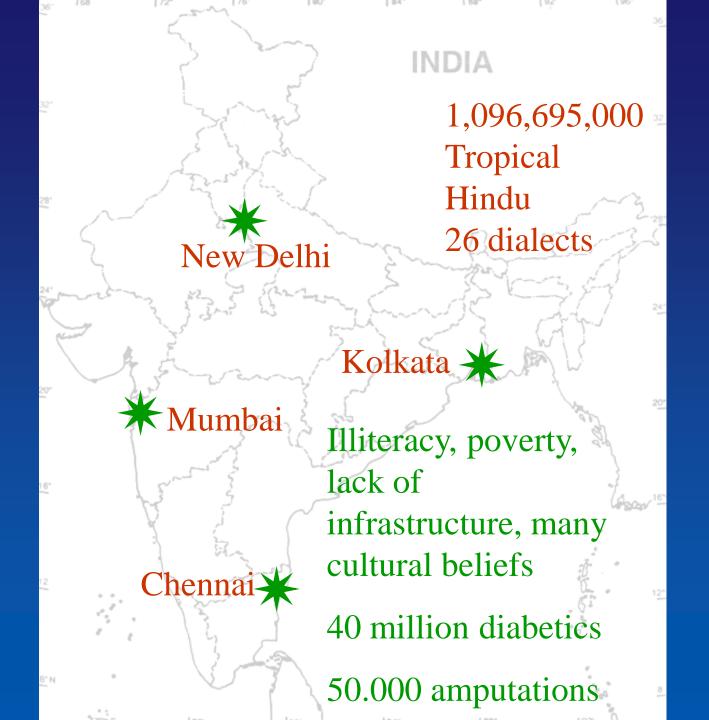
Kick off meeting Step by Step, Mumbai 2003















INDIA SOCIOECONOMIC FACTORS

Barefoot walking
Inappropriate footwear-Hawaii slippers
Lack of awareness in patients & doctors
Home surgery
Faith healers & alternative medicine













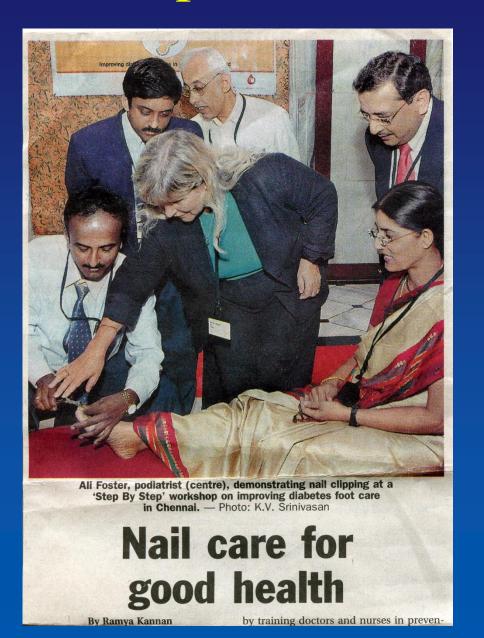
"Step by step" - improving diabetes foot care in the developing world







India September 2004









Tanzania's Minister of Health welcomes the delegates 2004







Self reporting data by delegates from the India Step by Step courses

Characteristics	1 st year 2005	2 nd year 2006	Increase (%)
Patients screened for high risk feet	45,000	82,761	83.92
Patients who received foot care education	45,000	79,399	76.44
Patients with high risk feet	15,000	38,082	153.88
Patients receiving treatment for trivial foot lesions	4500	9716	115.91
Referral to Tertiary Centre	350	388	10.85





Self reporting data by delegates from the Tanzania Step by Step course

December 2005 and December 2006

Variables	Dec. 2005	Dec. 2006
Registered patients at diabetic clinics	11,583	14,716
Patients with high risk foot	4,322 (37%)	5,540 (38%)
Patients with foot ulcers	465 (11%)	794 (14%)
Reported patients ended up with amputation	42 (9%)	52 (6.5%)





Self reporting data by delegates from the Tanzania Step by Step course

December 2005 and December 2006

Variables	Dec. 2005	Dec. 2006
Reported patients died	17 (4%)	38 (4.7%)
Clinical officers trained by trainees	69	125
Nurses trained by trainees	147	176
Education sessions with patients in 14 centres in 2005 and 2006	163	563





Project funded by WDF



Academic support by

IDF



IWGDF



DFSI



MUCHS





The Resolution addresses all diabetes

Designates World Diabetes Day 14 November as a UN-observed day as of 2007

Encourages national policies for prevention, care and treatment in line with sustainable development of healthcare systems

www.worlddiabetesday.org







UN Resolution Implementation project Step by Step

• Pakistan 2007 (WDF)

• Republic of Congo 2009 (WDF)

Caribbean Region 2009
 (funded by Rotary, IDF and WDF)







Prevalence of diabetes (20 %) and the incidence of lower extremity amputations are very high in the Caribbean region

Partnership



In February 2008 talks between Ledbury Rotary Club and the IDF led to an international agreement and partnership with IDF offering a start-up matching grant of 60,000 US\$





Caribbean DFC Step by Step

- Barbados
- •St Lucia
- St Maarten
- British VirginIslands (BVI)







St Lucia July 2009







BVI September 2009







UN Resolution Implementation project Step by Step

• Pakistan 2007 (WDF)

• Republic of Congo 2009 (WDF)

Caribbean Region 2009
 (funded by Rotary, IDF and WDF)



• Egypt 2009 (WDF)



STEP BY STEP

IMPROVING DIABETIC FOOT CARE IN EGYPT

BASIC TRAINING COURSE 11-13 NOVEMBER 2009





WORLD **DIABETES** FOUNDATION



