

THE CHALLENGE

World Health Organization's goal of reducing premature mortality associated with chronic noncommunicable diseases (NCDs) by

25% by 2025



A MEDTRONIC FOUNDATION SUPPORTED PROGRAM (2014-2019)

ADDRESSING CHRONIC CARE ACCESS AMONG UNDERSERVED

KEY BARRIERS TO CARE

- Low levels of awareness/diagnosis of hypertension and diabetes
- >60% of patients in 4 sites not aware/diagnosed
- <50% of patients treated for hypertension/diabetes meet treatment targets
- Patients bypass lower level facilities, leads to overburdened tertiary centers
- Health providers lack time to counsel patients on lifestyle and adherence
- Lack of coordination between providers at health facilities and frontline health workers

OUR SOLUTION

GOAL

Reduce premature mortality associated with cardiovascular disease and diabetes among underserved populations by:

Detection

Increase screening and diagnosis



Improved clinical outcomes

Increase management and control of hypertension and diabetes



APPROACHES

- EMPOWER PATIENTS
- ADVANCE POLICY AND ADVOCACY
- STRENGTHEN FRONTLINE HEALTH WORKERS

TRAINED AND EQUIPPED

3,637

FRONTLINE HEALTH WORKERS

in screening, diagnosis, linkage to care, clinical management and supportive supervision

60% were COMMUNITY HEALTH WORKERS

BREAKDOWN

33 US

979 BRAZIL

778 SOUTH AFRICA

1,847 INDIA

Multi-country, multi-year initiative
9 sites in 4 countries
13 partners
10 Public-Private Partnerships



SUPPORTING PATIENT-CENTERED CARE

Supported peer groups and patient associations, and facilitated lifestyle change through public gyms and community gardens

Brought care to patients, deploying community health workers to homes and community sites for screening, follow up, and customized care

OUR IMPACT

IMPROVED OUTCOMES ARE POSSIBLE

BRAZIL

25% **10%**

REDUCTION IN BLOOD SUGAR

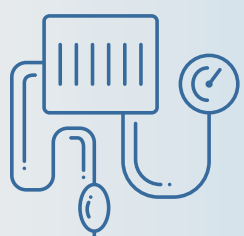
AVERAGE DECLINE IN BLOOD PRESSURE

U.S.

19-24%

INCREASE IN PATIENTS MEETING BLOOD SUGAR AND BLOOD PRESSURE TREATMENT TARGETS

65,000 NEWLY SCREENED
9,000 CASES NEWLY DETECTED



Population screening resulted in low but meaningful yield of newly diagnosed

BEST PRACTICES

KEYS TO IMPROVED OUTCOMES

Capacity building of frontline health workers

Patient empowerment

Self-care strengthened through peer groups and individual care from community health workers

Integrated health services

Health information systems and data interoperability



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