

A Pathway to Patient Empowerment by Transforming Diabetes Care in MSF



TRANSFORMATIONAL
INVESTMENT
CAPACITY

Project Summary

Problem

There are significant **gaps in access to life-saving treatment for patients with Type 1 Diabetes (T1D)** and disparities between high-income and low-and-middle income countries. In low-and-middle income countries the **life expectancy for a 10-year-old diagnosed with T1D is 13 years**, while in high-income countries life expectancy is 65 years. In many cases patients with T1D walk long distances to clinics multiple times a day for insulin treatments which presents a **risk to their safety**.

Proposed Solution

Create a model of care that supports **patient empowerment and autonomy** by providing home-based **insulin pens** and **blood sugar monitoring devices** to patients. Develop a comprehensive package with training, patient education tools, monitoring strategies, and improved commodities. The model will be piloted in 2 OCP projects: **Carnot (CAR) and Aweil (South Sudan)**. The findings will be used to engage advocacy and access efforts.



Potential Impact

- **Significantly reduces risks and insecurity for patients** travelling to clinics as care can be self-delivered from home.
- **Increases time for health care providers and lowers cost for health facilities** due to a reduced number of clinic visits per day for insulin injections and fewer hospitalizations for complications.

Viability

- Creates a **cross disciplinary team** to bring all necessary skills together between headquarters, project, Access Campaign, and MSF Foundation.

Risk Mitigation

- Leverages partner organization, Sante Diabete, and the **telemedicine platform** to support project implementors.

Scalability

- Includes a workstream focused on **advocacy to increase likelihood of price reductions** to make insulin pens more affordable for Ministries of Health.

Area/Type: Medical R&D

Sponsor/Support: OCP

Length/Project Status: 18 months; **ONGOING**