Making Chronic Management Easier

Redefining patient convenience for chronic care

Over 4.3 million man-hours are lost every month due to patients waiting on long queues.

South Africa has world's biggest antiretroviral therapy (ART) programme for patients living with HIV and AIDS, and there's been a steady increase in the number of patients with noncommunicable diseases (NCDs), requiring chronic therapy.

A patient's experience tends to be one of long waiting times, typically above 3 hours.

This poses potential adherence barriers which may lead to poor health outcomes and places a strain on the patients in terms of transport costs and loss of income.

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pele box

think inside.

what is pelebox?

pelebox technology enables patients to conveniently collect medication in under 2 minutes instead of spending hours on queues.

Pre-packed medication for a patient is loaded into the smart locker, the system then sends an SMS with a one-time-pin (OTP) to the patient. The patient would then come to a collection unit, authenticate themselves using a one-time-pin together with their cellphone number. A cubicle that has their medication would then pop-open.

> "Smart lockers had the intention of reducing the work load and waiting time for patients, so far, its achieving what it was intended to do. It takes less than two minutes if you're slow. It has reduced the work load and collection time."
>
> -Irene , Pharmacy Operations, City of Tshwane

pelebox features

Web Platform for monitoring operations on a dashboard and mobile devices.

Integrates to existing patient record management system

Tracks the dispensing of medication and reconciles collections daily for all sites.

Equipped with battery backup for emergency operations

Not limited to traditional healthcare facilities and offers 24-hour access based on chosen location.

Modular design to Increase capacity based on demand.

Temperature controlled between 19 - 24 degrees range.

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Technovera designs, manufactures installs and maintains smart lockers at the client's facilities and other partner locations based on the client's needs.