PHULUKISA
HEALTH SOLUTIONS

Electronic
Population Health Management Solution

Service delivery

Costs

Population growth

Lack of data

The PHULUKISA SOLUTION

allows for the rapid and inexpensive screening of patients, by improving information flow and patient care.
The system is designed to screen patients for

- HIV
- Stroke
- Diabetes
- Tuberculosis
- Hypertension
- Ischemic heart disease

the most **common** DISEASES in the **country**

Collectively this accounts for most years of quality life lost.

The PHULUKISA solution uses technology that **can be operated by community health workers or nurses to screen patients.**

The cloud platform is accessed by primary care workers

from a tablet to onboard patients & log answers to a health questionnaire

and for physicians to access patient records.

The proprietary Phulukisa algorithm recommends certain patients for immediate attention by a physician as well as for non-urgent appointments.

The main result is a colour indicator (green, orange or red) that indicates the urgency with which a patient should see a physician.

It also provides a score on a scale of 0 to 100 that can be used by medical professionals to schedule patients for appointments and also for patients to monitor their own health status.

Our integrated hardware & software platform

The hardware for the Phulukisa solution is assembled locally, and software development is done in South Africa.

As indicators of disease burden, it tests and records the following.

1. Blood pressure
2. Weight
3. Height
4. BMI
5. Waist-hip circumference
6. Urine dipsticks
7. HIV counselling and testing
8. Glucose testing
9. 19 panel point of care blood sampling
10. Temperature
11. TB screening questionnaire

It captures all of the data electronically and upload the results for analysis. The data is analysed using our proprietary algorithm which is housed on the Microsoft Azure cloud platform.

We recently added mental health and ante-natal screening capabilities.

About Phulukisa

Phulukisa was established to provide a cost-effective and efficient system to assist in the provision of primary health care, in the public or private sector.

Our innovative use of available technological tools, integration with locally developed software and awareness of local conditions, makes it a unique product that is ready to be deployed in South and Southern Africa.

Training required to use the system is simple and one of its great advantages is the empowering of community health workers and nurses.

Contact the Phulukisa team:
www.phulukisa.co.za | raymond@phulukisa.co.za | petrus@phulukisa.co.za