

## DHIS2 for Hypertension & Diabetes Programs

DHIS2 Tracker can now be used by program managers to monitor large-scale non-communicable disease (NCD) programs. Optimized for use in busy primary care facilities that manage thousands of patients for hypertension and diabetes, DHIS2 is quick and simple enough to record individual patient data during clinical care and records only the data you need to treat patients effectively *and* monitor outcomes. Not only is DHIS2 a practical, sustainable, ready-to-use solution, but it's cost-effective and easy-to-train, too.

You can trust DHIS2: over 70 countries rely on DHIS2 to manage health programs for TB, malaria, Covid-19, MCH, vaccinations, and more, and Nigeria now uses it to manage their large-scale NCD program. Your country can be next.



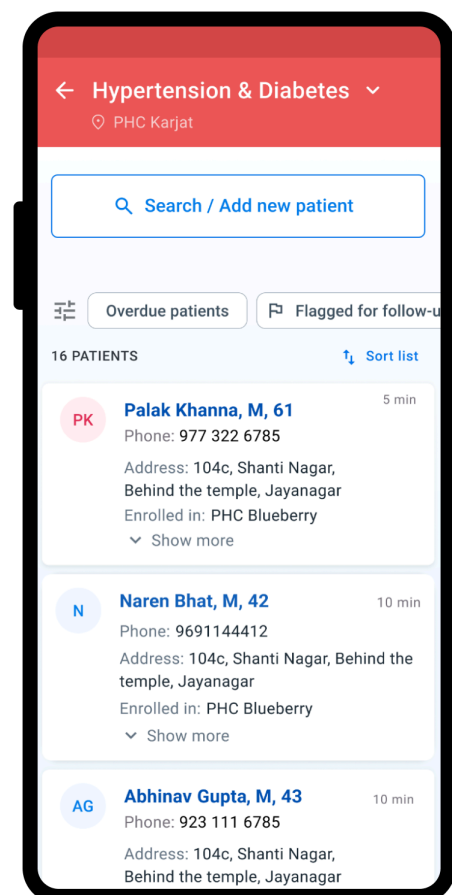
UNIVERSITY  
OF OSLO



DHIS2 with WHO HEARTS indicators. Made by UIO, Federal Ministry of Health Nigeria, HISP Nigeria, and RTSL

### FEATURES

- Longitudinal patient records**  
 Monitor each patient's health using DHIS2 Tracker. At each follow-up visit, quickly record every patient's *blood pressure, blood glucose, medications, and follow-up appointments*. This helps clinicians manage individual patients over time *and* gives you the data needed to monitor and improve the program.
- Easy for healthcare workers**  
 Train your healthcare workers to use DHIS2 within 2 hours. DHIS2 is fast enough to use alongside clinical care — on average it takes <25 seconds to record a patient visit.
- Start quickly and at low cost**  
 The DHIS2 package is pre-configured for use. Set up servers, add facilities, approve users, translate for local languages, train healthcare workers, and it is ready to go.





DHIS2 dashboard showing key **WHO HEARTS indicators**. This enables you to track how many patients visited for follow-up and how many of those patients had their BP controlled (<140/90)

- **Data for quality improvement**

Use the hypertension and diabetes dashboards in DHIS2 to compare performance across your country (national, sub-regional, facility level) to drive quality improvement. Data is updated daily, so interventions can happen in real-time.

- **WHO indicators built-in**

The DHIS2 dashboard is pre-configured to report the [World Health Organization's HEARTS](#) indicators for hypertension and diabetes. When healthcare workers enter patient data, facility and regional indicators are generated automatically in your dashboard daily.

- **Create custom reports**

The key reports are built-in, but your team can easily generate custom reports against your NCD data using DHIS2's powerful built-in data visualization features.

- **Encourage overdue patients to return to care**

Get patients to return to care with automated SMS reminders for missed visits by creating automated line lists of overdue patients that include their phone numbers.

- **Monitor drug stock inventory**

Facilities can report monthly drug inventory data so governments can better manage drug supply and avoid stock-outs or medication expiry. Reports can even calculate the number of "Patient days" you have in stock for standard protocol medications.

- **Manage other diseases in one app**

Your facilities manage many more conditions beyond hypertension and diabetes and now your healthcare workers could use a single DHIS2 app to manage them all. DHIS2 is powerful because it can be extended to manage patients across programs including tuberculosis, HIV, maternal and child health, malaria, and more. Your healthcare workers could use a single DHIS2 app to manage all of them.

## SUSTAINABILITY

The main costs for setting up and using DHIS2 relate to server infrastructure, devices, and training. If your country already has existing DHIS2 infrastructure, set-up will be relatively cheap and there is likely in-country capacity to manage it. Data collection can be done on almost any Android device, so healthcare workers can use their personal devices instead of purchasing new ones. DHIS2 also works on computers if that's preferable. The open source software is regularly updated by the University of Oslo team, so you always have the latest tools for free.

## CONTROL & SECURE YOUR DATA

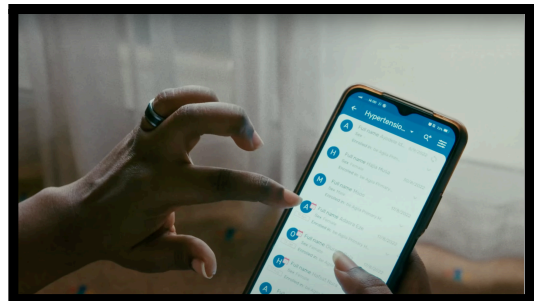
DHIS2 makes it easy to manage your own country's data. Host on either your local government's server infrastructure or on a cloud service. You can also control who can access data at a granular level, so national officials see national data, regional officials see just their region, and so on. DHIS2 uses industry-standard security and is trusted by 70+ countries globally to keep patient information private.

## APP FOR HEALTHCARE WORKERS

For the DHIS2 to be successful in collecting data and producing reports that are useful, healthcare workers must include it as part of their workflow. That's why the DHIS2 hypertension and diabetes control program was designed *with* healthcare workers to be easy to use and quick. Whatever the infrastructure is in your country, DHIS2 Tracker works offline-first on most Android devices, syncing when an internet connection is detected. If you have rural facilities with unreliable internet, the Android application can be used offline for days at a time.

## CASE STUDY: NIGERIA

In Nigeria, approximately 1-in-3 people have hypertension. The Ministry of Health launched the Nigerian Hypertension Control Initiative in 2020 using DHIS2 to improve community health. Today, DHIS2 manages over 30,000 patients with hypertension across 100 health facilities in Ogun and Kano states. Data and the DHIS2 program are managed by HISP Nigeria in both states, with plans to continue scaling. And healthcare workers appreciate that the app is easy-to-use on their Android devices.



// Read the story: <https://dhis2.org/nigeria-hypertension-control/>

// Watch a video: <https://youtu.be/pzVzYYO913w>

---

## CONTACT US

At [Resolve to Save Lives](#), we are committed to saving lives. We support digital health systems that currently manage over 4.5 million patients in Nigeria, India, Bangladesh, Sri Lanka, and Ethiopia. We are here to support your efforts to implement successful NCD management programs.

Contact me, Vivek Eluri, at [veluri@rtsl.org](mailto:veluri@rtsl.org) to discuss how we can support your digital programs to manage NCDs.