

SPECIALIST SYSTEMS · CORE PLATFORM

# CARDIS

## Cardiology Information System

Dedicated cardiology workflows — ECG, echo reports, cardiac catheterisation, and long-term cardiovascular risk management.

CARDIS is a specialist system for cardiology units and cardiac centres. It provides structured clinical workflows for ECG interpretation, echocardiography reporting, cardiac catheterisation records, and long-term cardiovascular risk factor tracking — integrated with OPES EMR so the cardiologist always sees the full patient history.

### AT A GLANCE

#### ECG

integration & reporting

#### Echo

structured reports

#### Risk

factor tracking

#### EN/FR

bilingual

#### EN / FR

Fully bilingual interface

#### HL7 FHIR

Interoperability standard

#### 22

OPES systems it connects to

### OVERVIEW

## Built for African healthcare, not adapted for it

Every CARDIS record is linked to the patient's OPESCare Health ID, enabling cardiologists to see medications from PHARMIS, lab results from OPES Lab (lipids, troponins, BNP), and referral history from OPES EMR in a single screen.

### Who is CARDIS for?

- ✓ Cardiac centres and cardiology units
- ✓ General hospitals with cardiology departments
- ✓ Private cardiologist practices
- ✓ Rehabilitation centres with cardiac programmes
- ✓ Telemedicine cardiology services

### Problems CARDIS solves

- 1 ECG and echo reports not linked to the patient record**  
CARDIS stores every ECG trace and echo report against the OPESCare Health ID.
- 2 Cardiovascular risk factors not tracked over time**  
Longitudinal risk factor dashboards show BP, lipids, BMI, HbA1c, and smoking trends across all visits.
- 3 Cardiac medications not visible to other clinicians**  
All CARDIS prescriptions feed into PHARMIS and are visible in OPES EMR.

## MODULES

# Everything in one connected system

Each module activates independently — start with Registration and Consultation, add Lab, Pharmacy, and Billing as you grow.

### ECG Management

Record, store, and report 12-lead ECG studies.

- Digital ECG import
- Structured interpretation templates
- Comparison across visits
- Auto-alert for critical findings

### Echocardiography Reporting

Structured echo reports with standard measurements and valve assessment.

- ASE/EACVI measurement templates
- M-mode & Doppler fields
- Image annotation
- Report to OPES EMR

### Cardiovascular Risk

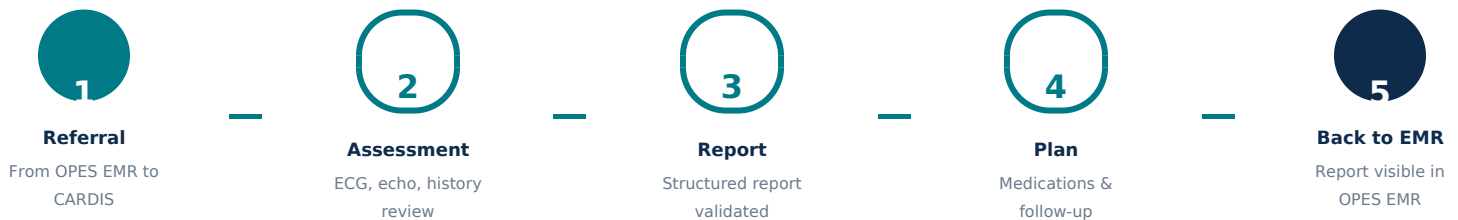
Track risk factors longitudinally with Framingham and ESC risk scoring.

- BP · lipids · BMI · HbA1c trends
- Framingham / ESC risk scores
- Lifestyle intervention logs
- Target achievement tracking

## PATIENT WORKFLOW

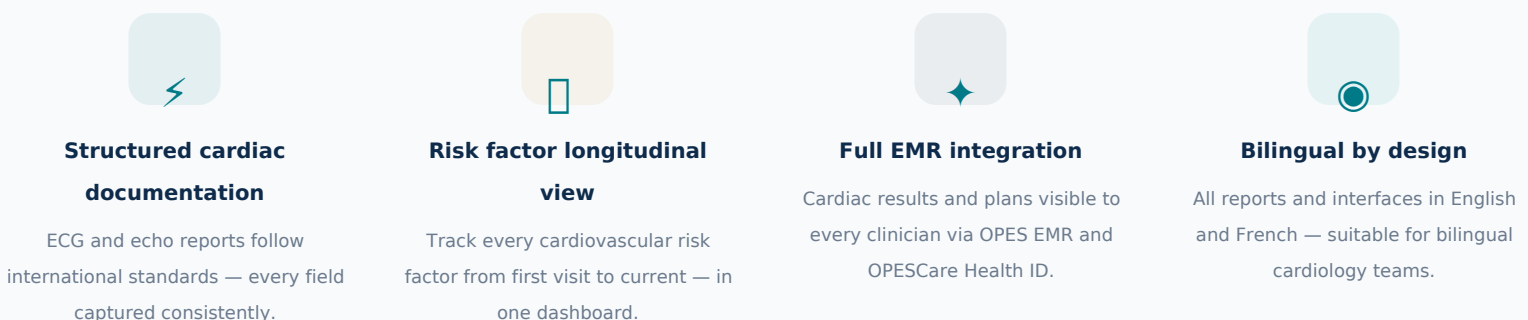
# How CARDIS moves a patient through your facility

From the moment a patient arrives to discharge, every step is captured — and every department sees the full picture in real time.



## KEY BENEFITS

# Why facilities choose CARDIS



## CARDIS connects everything

CARDIS is the clinical core — every other OPES system feeds into it or reads from it.



**CARDIS — Clinical Core**

OPESCare

OPES EMR

OPES Lab

PHARMIS

RADIS

## Built to enterprise standards

Deployment		Security	
Options	<b>On-premise · Cloud</b>	Encryption	<b>AES-256 · TLS 1.3</b>
Minimum server	<b>4 vCPU, 8 GB RAM</b>	Authentication	<b>Role-based (Cardiologist / Tech / Admin)</b>
ECG device interface	<b>HL7 aECG / SCP-ECG</b>	Audit logging	<b>Full access &amp; report trail</b>
Offline mode	<b>Partial</b>	Languages	<b>English · French</b>

## See **CARDIS** in your facility

Book a free demonstration tailored to your facility type. Contact our team to schedule a live demo, request a pilot deployment, or get a custom quote.

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