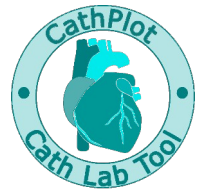


# CathPlot



Experimental

CLINICAL VALIDATION PHASE – RESEARCH USE ONLY

## What is CathPlot?

**CathPlot** is an android application for interventional cardiologists and cardiac surgeons that combines interactive coronary artery drawing with automated SYNTAX score calculation and report generation.

Platform: Android | Status: Clinical Validation – Research Use Only.

## Key Features

### Interactive Coronary Mapping

Draw complete coronary artery tree with finger or stylus

### Automated SYNTAX Score

Real-time calculation – updates as you draw and add lesions

### Local AES-256 Encryption

All patient data stored encrypted on device, **NO** cloud upload

### Lesion & Graft Marking

Tap to add lesions, collateral's, calcification's, aneurysms, stents, and grafts

### One-Tap PDF Reports

Generate professional reports for PCI, CABG, and Coronary Angiography .

### Searchable Database

Store and retrieve coronary anatomies, lesions, grafts, and research cases

## How It Works

1



### DRAW

Coronary artery tree

2



### ADD LESIONS

Stenoses, collaterals, calcification's.

3



### AUTO CALCULATION

SYNTAX score in real time

4



### REPORT

One-tap PDF (PCI/CABG/Angio)

 **From 10-15 minutes SYNTAX Only calculation**  
→ **To 2-6 minutes full report, SYNTAX Calculation and database storage**

**Manual SYNTAX scoring vs CathPlot automated calculation**

CathPlot – Draw. Calculate. Report. In seconds.

© 2024-2026 CathPlot.com | Clinical Validation Phase – Research Use Only

## Data Privacy & Security

Cloud storage  NO

Third-party servers  NO

Data collection  NO (only hardware ID)

Local encryption  YES (AES-256)

Patient data ownership  YOURS (stays on device)

## Who Is This For?

### Interventional Cardiologist

SYNTAX scoring, PCI planning, research

### Cardiac Surgeon

Grafts mapping, surgical reporting

### Cardiology Fellow

Education, case studies, research

### Clinical Researcher

Data collection, lesion database

## Technical Specifications

**Platform:** Android 7.0 (Nougat) or higher

**Encryption:** AES-256 local

**Hardware:** Min RAM 3 GB , medium range devices

**Data storage:** Local SQLite database

**Report formats:** PDF (PCI, CABG, Angiography)

**Internet required:** Only for login & license validation

**License:** Research / Clinical validation

## Sample Use Cases

**Pre-PCI planning:** Draw anatomy, calculate SYNTAX, decide PCI vs CABG.

**Post-procedure documentation:** Generate PCI report in seconds

**CABG reporting:** Map grafts, calculate SYNTAX, generate surgical report

**Research database:** Store 100+ cases, search by lesion type or SYNTAX score

**Fellow education:** Teach coronary anatomy and SYNTAX scoring interactively

 Request Early Access

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 **LinkedIn:** [/company/cathplot](https://www.linkedin.com/company/cathplot)

In your email, please include: Full name, Specialty/Title, Institution/Hospital, Brief description of intended use