



# Cardiac Consultant

Supporting Evidence-Informed Clinical  
Decision Making





# Cardiac Consultant

## Supporting Evidence-Informed Clinical Decision Making

**Cardiac Consultant** is an interactive application that helps doctors educate patients about their individual risk for heart disease and cardiovascular events.

## See The Meaning Behind The Data

**Cardiac Consultant** is different from existing risk calculators. Rather than presenting cardiovascular risk as a numerical value without context, Cardiac Consultant makes patient data accessible in a series of interactive data visualizations. This allows physicians to see the meaning behind the data, thereby reducing cognitive load and supporting clinical decision making.

## Improve Patient Engagement

Doctors and patients can explore how factors such as age and family history, combined with lifestyle choices, affect overall cardiovascular health. Through the interactive interface, patients view how factors such as smoking and weight affect their risk score, empowering them to make positive lifestyle changes. Patients who understand the reasons behind treatment decisions are more likely to comply with a physician's recommendations and take proactive steps to improve their overall health.

## How It Works

**Cardiac Consultant** uses **SMART** on **FHIR®**, a modern healthcare IT standard, to seamlessly and securely exchange the patient's personal health data located in any compatible electronic health record (EHR) system. This eliminates the burden of manual data entry - saving time and reducing the risk of errors. Cardiac Consultant is built around three scientifically and medically validated risk models that leverage actual patient data to predict a patient's likeliness for heart disease. Using this data, doctors can determine implications for both health and treatment.

