

Fundación Cardiovascular de Colombia

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Agenda

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The FCV Healthcare



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Ecosystem

An Overview of our Network







HIC World Class Specialized Medical Complex

Patient-Centered Model of care

Broad portfolio of outpatient and inpatient services that meets the needs and circumstances of each patient.

Specialized and comprehensive medical care and interdisciplinary teams qualified with extensive background and experience.

Highest standards of quality in patient care safety, recognized both nationally and internationally.

Services available 24 hours a day, 365 days a year.

Always searching for the best experience of care for each patient and their family.

Extensive experience with national and international patients.

Largest private hospital infrastructure available in Colombia.



La Fundación Cardiovascular de Colombia - Instituto del Corazón is the first institution in Colombia accredited by the Joint Commission International as a "Hospital Program".

"The Gold Seal of Approval" is a registered trademark owned by Joint Commission International and is used with permission."



Eighth Best Hospital in Latin America
Ranking of Best Clinics and Hospitals in Latin America.
"America Economia's Magazine".





Pursuing a dream ...

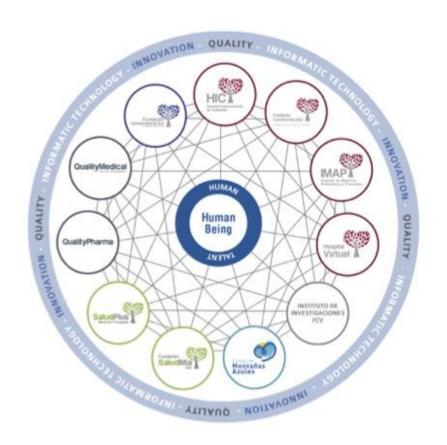
In **1986**, a visionary group of doctors from Santander founded the FCV in order to provide the north eastern region of Colombia with a Clinic specialized in the diagnosis, treatment and rehabilitation of cardiovascular diseases.



We've turned a dream into a reality



FCV Healthcare Ecosystem



- After more than 30 years, FCV is no longer only a hospital, but a network of non-profit foundations which all together, make the FCV healthcare ecosystem
- Nowdays, FCV stands for Fundación
 Cuidamos Vidas We Take Care of Lives







DHS: DIGITAL HEALTH SOLUTIONS Soluciones Digital en Salud





RHD: RESPIRATORY HEALTH DEVICES Dispositivos de Salud Respiratoria



MGC: MEDICAL GRADE CONSUMABLES Consumibles de Grado Medico





- 4 Invention Patents
- 2 Utility Model
- 5 Invention patents in process







Transcutaneous Vagal Stimulation Device.

The Ravans is a transcutaneous vagal stimulation device that integrates a module of detection and analysis of movements respiratory.







SALMA

Sistema de auditoria de lavado de manos (Hand washing audit system)

Electronic system that integrates facial recognition and artificial intelligence to monitor hand hygiene.









SignCare Vital signs monitor

It is a device with the ability to simultaneously measure multiple Parameters.





Software Copyright (Colombia)

In the National Copyright Management of Colombia, the FCV has registered www.fcv.org

- software products among
- Applications, Modules and / or Components.

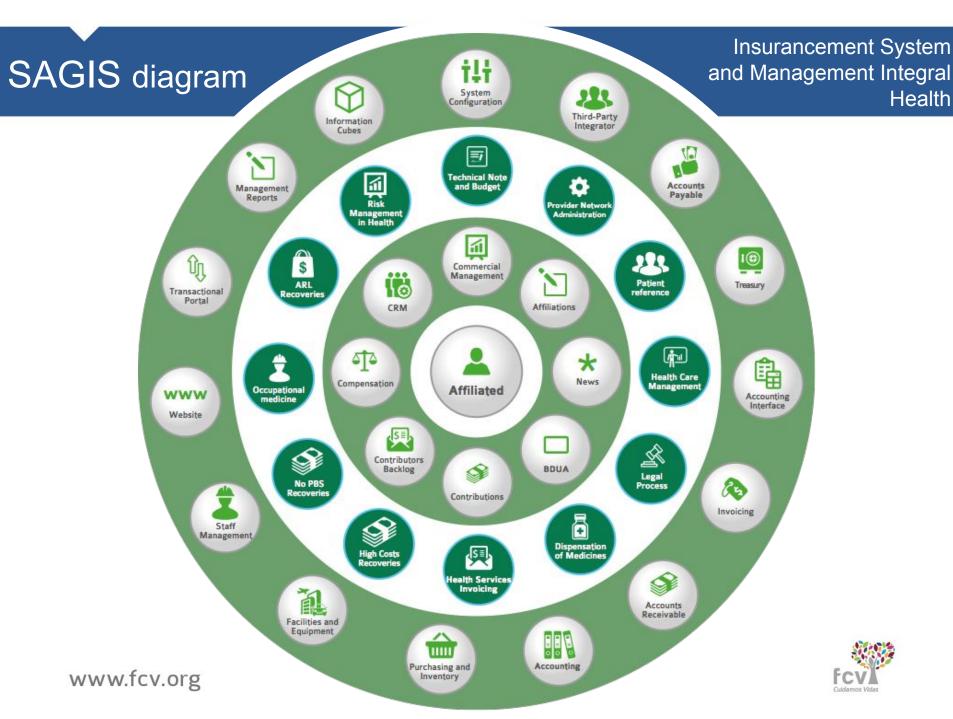


SAHI diagram

Integrated Hospital Administration System





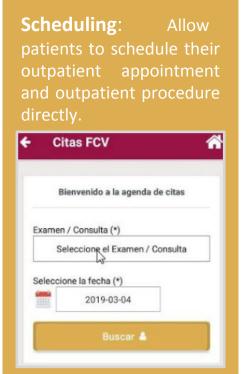


Health

Mobile Apps

PROMESA: App designed to help parents of babies with complex congenital heart diseases. Allows the user to receive, read texts and watch videos related to the medical condition of the baby, send messages to PROMESA medical staff, record vital signs, and send Alert Message.





ClistuM: *Clinical Trials Management*. Allows to see and consult notifications and agendas of patients included in clinical trials and check selection criteria of the patients to be included and referred.

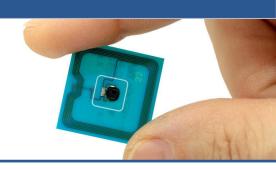
InfoQx: App to send notifications to relatives of the patients in surgical care process.





IT Tools

RFID Cabinet: Composed by an online monitoring platform to monitor supplies stocked on cabinets with RFID technology connected to Internet.





SHIPP: Touchscreen monitor which displays options that composes SHIPP, name and patient's bed code. Which has access to SAHI2 to enable medical personnel to achieve their respective data recording on *EHR*, it has a module for patients where they will found everything related to entertainment, patient care and other matters of interest. It is integrated to nursing advice.

Nurse advice: Provide to the patient the tools to advice nursing staff quickly about any condition that must be assisted immediately. It includes four color code: Blue for alarms of blue code, red for standard nursing advice (wired pulsation, calling in the bathroom or wireless system [Wristband] and *SHIPP*), white for cleaning request to general service staff and green for available room.







IT Tools: Nurse Advice Bracelet



Advantages Patient safety, resource management, early warnings,

analytics

- Nurcall [Red code and blue code alert to health personnel, opportunity statistics, service alerts and diagnostic alerts and more]
- Integration with SAHI [Integration with the beds board and registration of vital signs in Clinical History: temperature and pulse]
- Geolocation [Physical location of the patient, Safety alerts, statistics]
- Pulsometer [Detect arrhythmias: tachycardia, bradycardia, cardiac arrest, alerts for predicting cardiac arrest and activation of blue code]
- Accelerometer [Drop risk alert, step count, statistics]
- Thermometer [Measure temperature changes, seizure prediction, alerts, record vital signs in Clinical History]
- SHIPP [On-line display of device measurements and alerts]



* To define

Business Intelligence and Software Projects



B.I Projects:

- Level of severity of the diagnosis DRGs
- Mortality prediction based on vital signs
- Prediction of coronary heart disease diagnosis
- Prediction of hypertension diagnosis
- Prediction of acute myocardial infarction diagnosis



Software Projects:

- Mobile medication administration app
- Clinical decision support system
- Triage mobile app
- Mobile app for alerts and notifications





Thank You!