



Biomedical Research Unit
Hospital San Juan de Dios
Caja Costarricense de Seguro Social

Horizon 2020 Programme

San José, Costa Rica / Nov 16, 2016

Presented by: Jorge López-Mora, Pharm D, MBA

Caja Costarricense de Seguro Social (CCSS)

- **Costa Rican Social Security**
 - Autonomous governmental institution
 - Key player in Costa Rican national health policy making
 - Health services and treatment coverage to +95% population
 - Administers nation-wide network of public healthcare centers
 - **29 hospitals (3 national, 6 specialty, 7 regional, 13 local)**
 - **+ 100 local clinics (second level)**
 - **+1000 community health units (EBAIS)**
 - **Employs + 35,000 health professionals and technicians**



2015

RED SUR

I NIVEL DE ATENCIÓN (1)

II NIVEL DE ATENCIÓN

III NIVEL DE ATENCIÓN

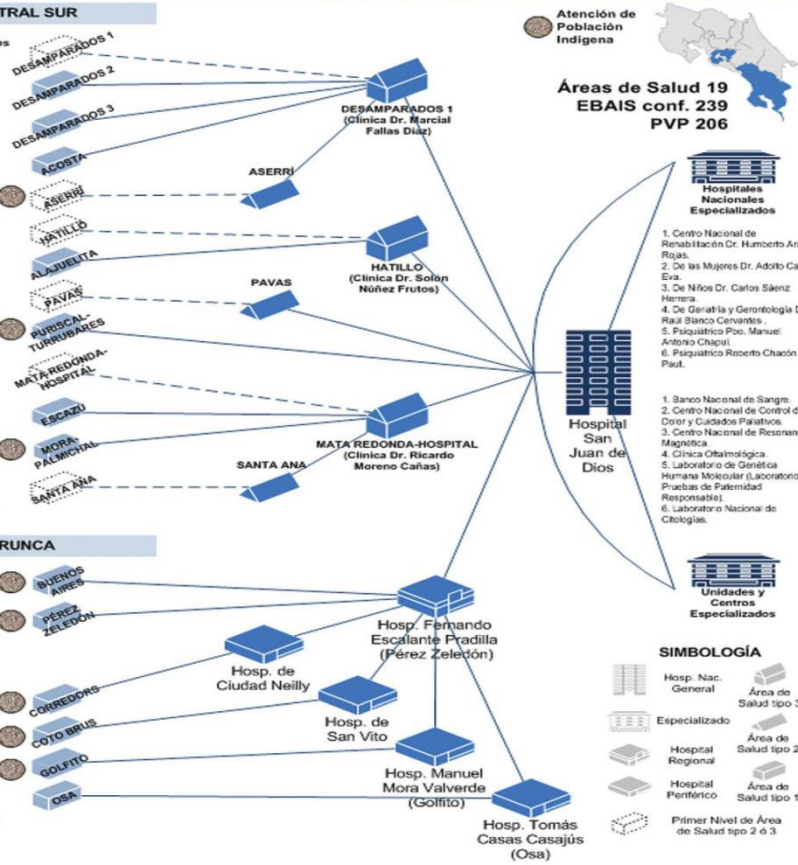
REGIÓN CENTRAL SUR

Puestos de Visita Periódica EBAIS Conformados

0	11
0	24
0	13
5	5
4	14
0	4
0	16
0	29
23	10
0	8
0	16
1	7
0	11
33	168

REGIÓN BRUNCA

28	9
62	19
12	9
41	16
23	8
7	10
173	71



HSJD – Healthcare network

Reference center for 19 health areas (involving 24 second-level clinics and a 226 first-level clinics) (covers a pop. aprox. 1.1 M)

Reference center (e.g. rare disease, cystic fibrosis)

All specialties/disease clinics

628 beds, 35,000 hosp/year

Located within 20 minutes of all the national and specialty hospitals



Biomedical Research Unit at HSJD

Who we are

- A hospital-based functional structure created in 2015 to serve as a pilot unit within CCSS.

Objective:

- To develop and implement scientific and operational capabilities to effectively initiate and conduct a wide range of hospital-based biomedical research initiatives including basic and epidemiological research as well as clinical trials, with the ultimate goal of translating research findings into relevant healthcare applications.

Biomedical Research Unit at HSJD

Key Elements for a Sustainable Model

- Need for a stable, organized and efficient model for study proposal and design, research management, funds administration and quality assurance.
- Set up and grow a network/cluster of hospital-based trained and motivated clinicians and support staff and services (research teams)
- Basic infrastructure, equipment and staff for support activities
 - Scientific reference search and protocol writing, IRB submission, record keeping, study coordination, investigational product, clinical supplies and biospecimen storage and management, data management, biostatistics, medical writing.
- Systematic search, identification and follow-up on research initiatives as well as application for external funds, grants, collaborations and sponsorships.
- Promote ancillary programs to facilitate execution of research initiatives
 - Biobank , disease registries, health informatics, internal training

Biomedical Research Unit at HSJD

- **Organization**

- Report to Medicine Section w/office at Medicine Building
- Coordinator: Dr. Cecilia Monge, MPH, FACP (Internal Medicine)
- 4 Research associates: (health professionals with research background)

- **What do we require?**

- Funding/grants for hospital-based research projects (equipment, materials, project staff)
- Collaborative agreements to improve research management capabilities
- Resources/Support to set up and launch ancillary programs:
 - Hospital-based biobank
 - Institutional disease registries
 - Health/Biomedical informatics
 - Investigator/Research Staff training



Biomedical Research Unit HSJD / CCSS

*Thank you for your
attention!*

Presented by: Jorge López-Mora, Pharm D, MBA

Contact: jalopez.farma@gmail.com