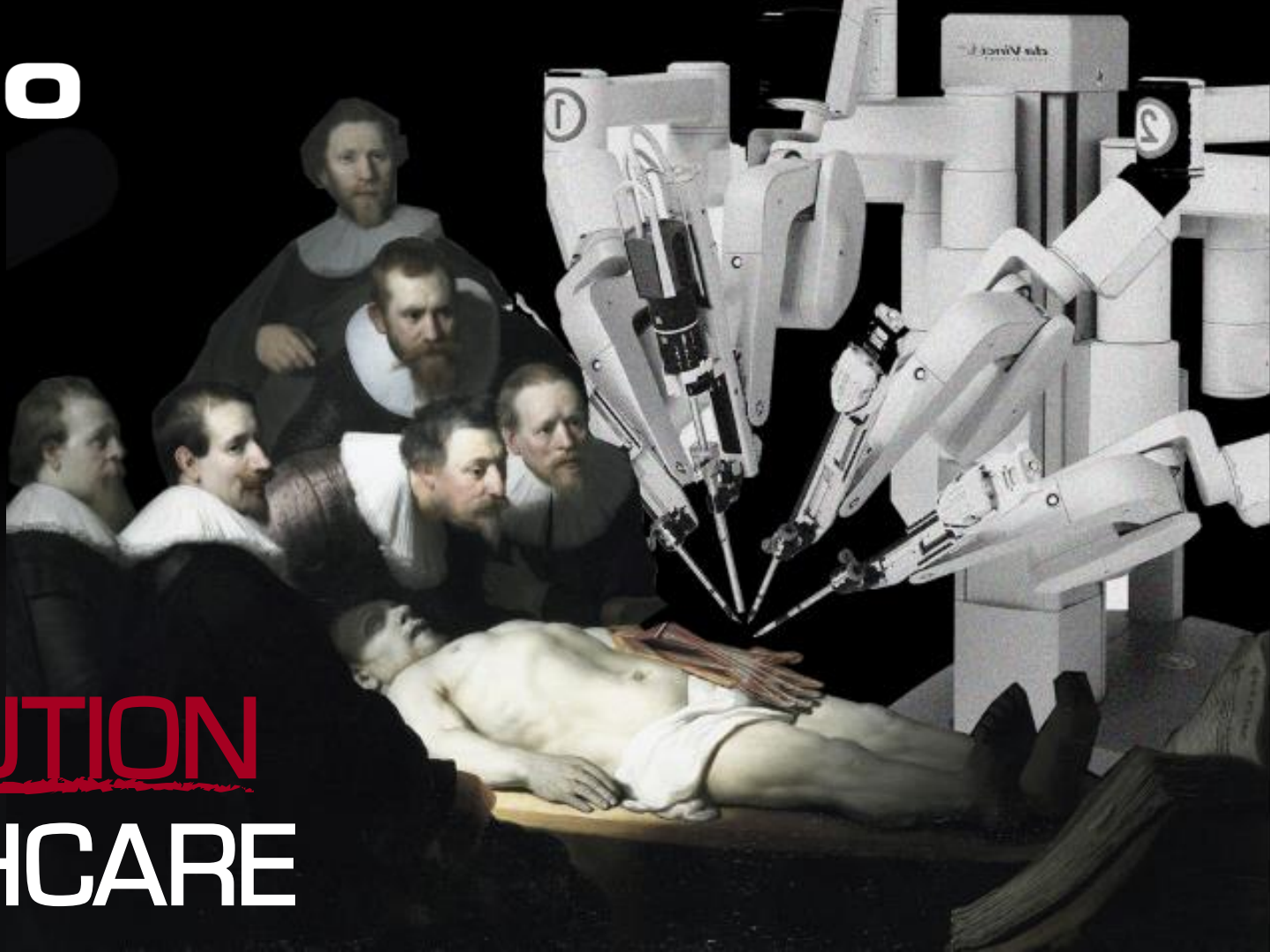


planho

HIGH
RESOLUTION
HEALTHCARE



Architect José Carlos Palmer Martínez

planho

Architecture



Engineering



Planning



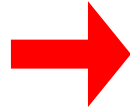
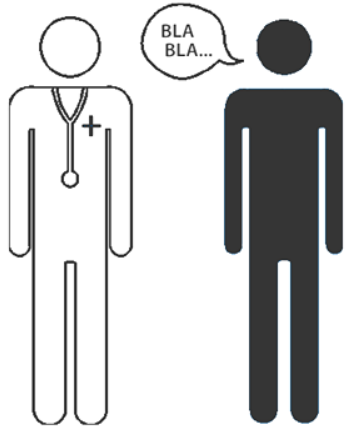




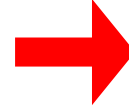
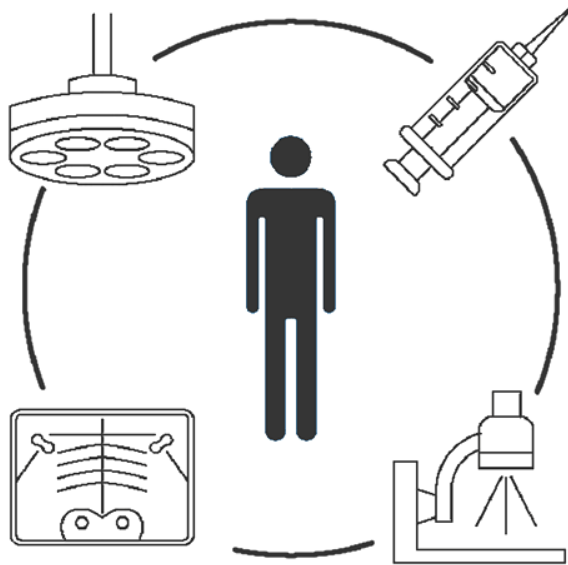
What is H.R.H.?



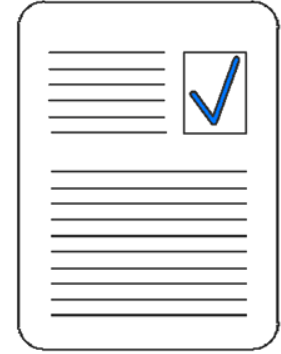
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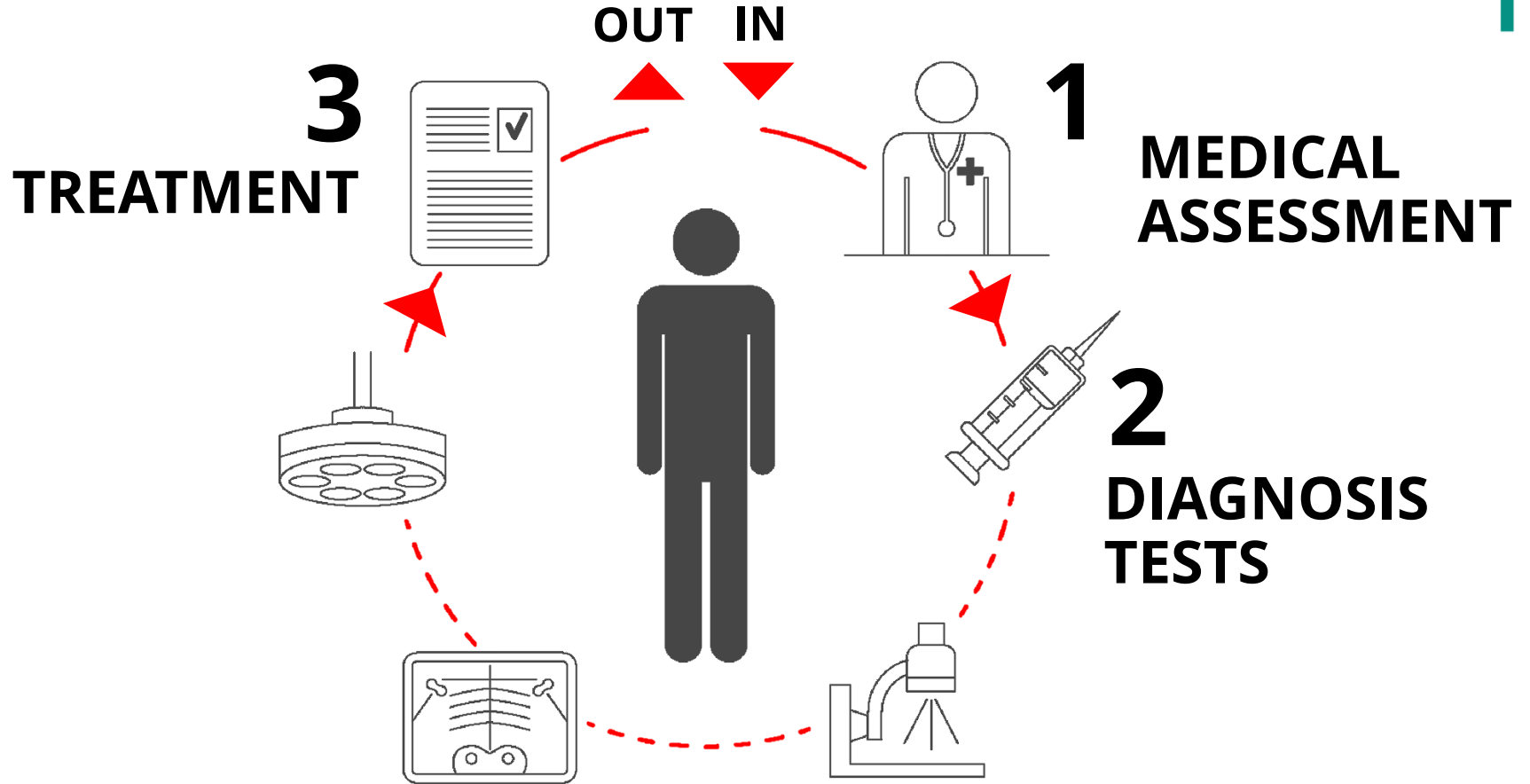
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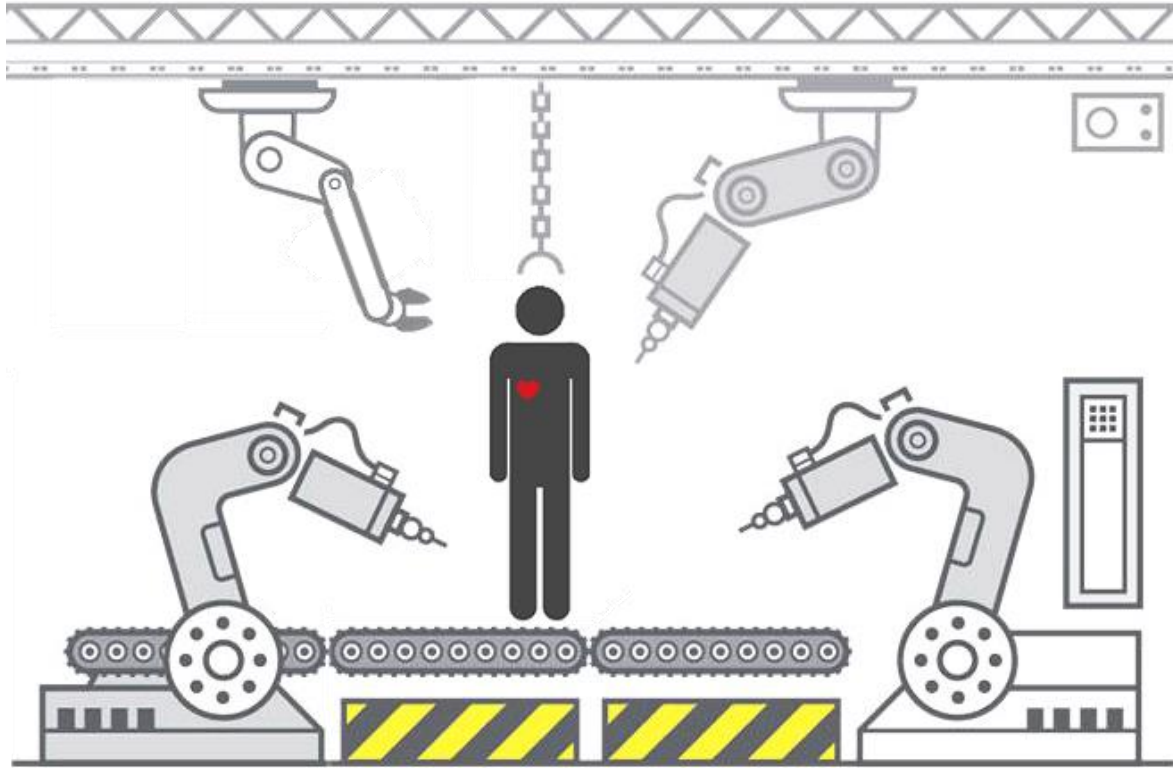


**MEDICAL
ASSESSMENT**

**DIAGNOSIS
TESTS**

TREATMENT





Resolution in single consultation
Absence of conventional beds
Potentiation of surgery without admission
High diagnostic capacity
Hospital without paper.
Resources that avoid duplicities

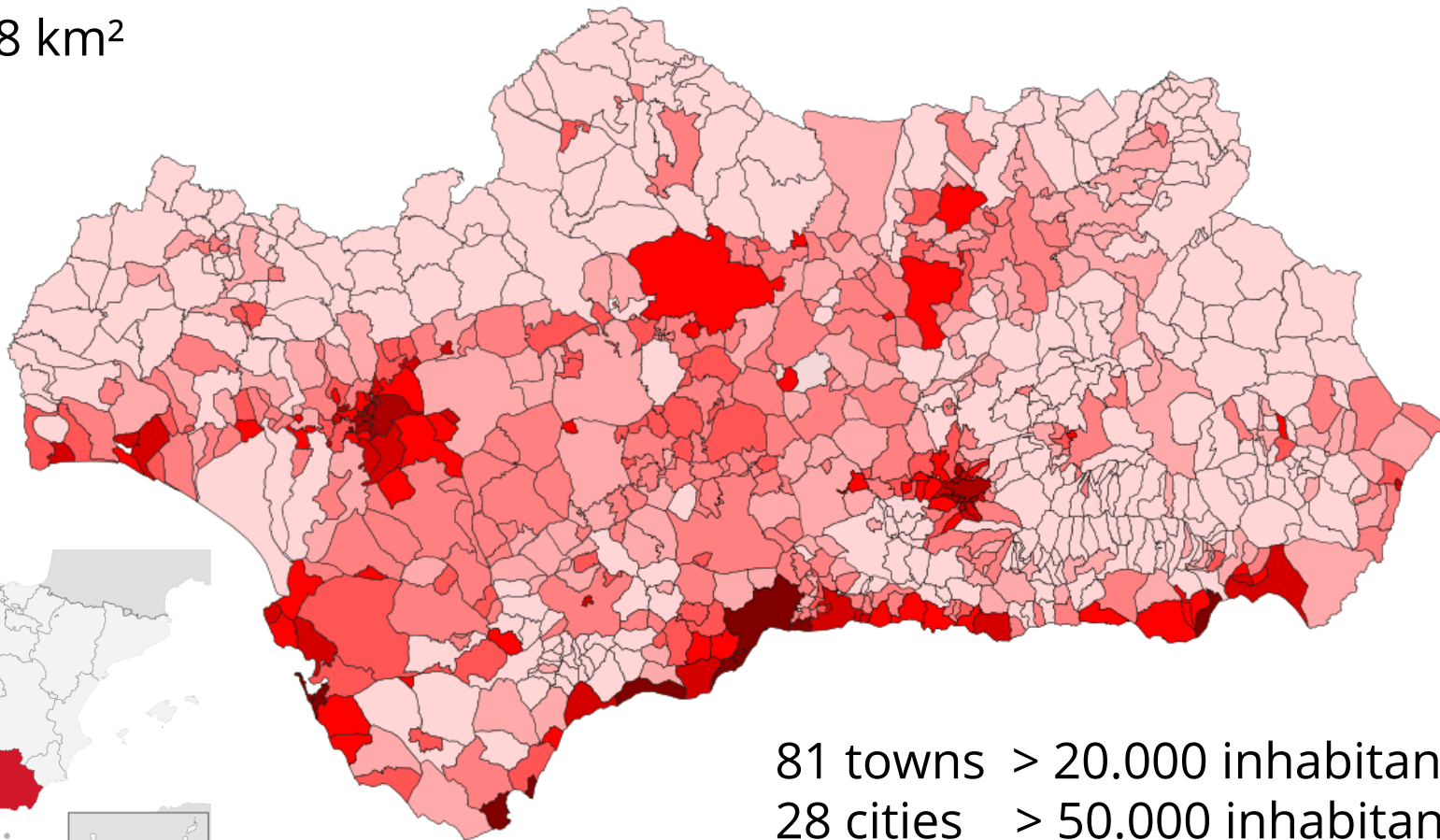
TARGET

ph



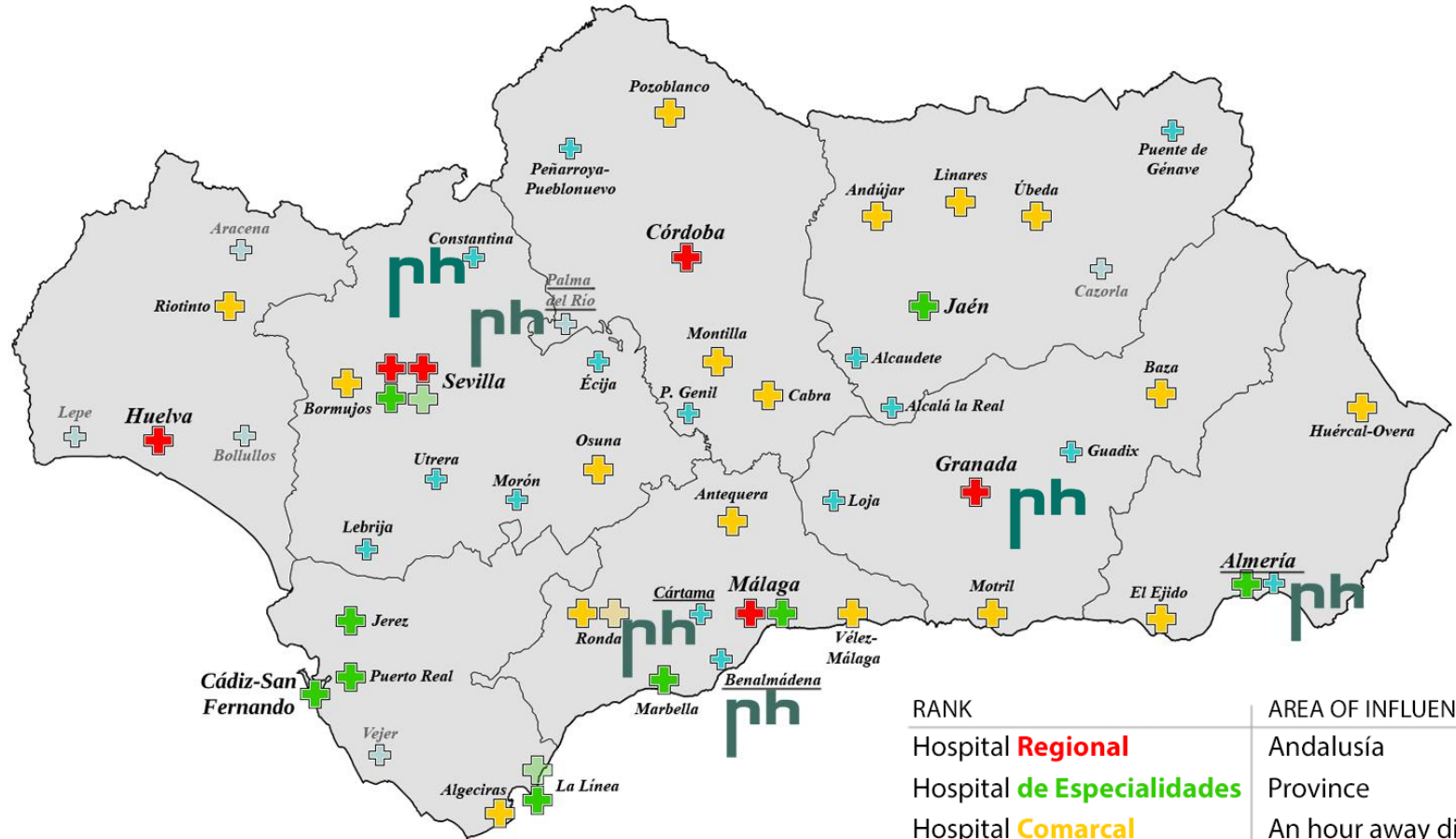
>8 million inh. (2017)
87.268 km²

ANDALUCIA (SPAIN)



81 towns > 20.000 inhabitants
28 cities > 50.000 inhabitants

ANDALUCIA HEALTH PUBLIC SYSTEM



RANK	AREA OF INFLUENCE
Hospital Regional	Andalusía
Hospital de Especialidades	Province
Hospital Comarcal	An hour away distance
Hospital Alta Resolución	Half hour away distance

Points of **VIEW**

FUNCTIONALITY



**QUICK
HOSPITAL**

Users, with only one visit to the hospital, leave it with their definitive treatment arranged

EMPLACEMENT



**PROXIMITY
HOSPITAL**

Maximum accessibility for all Andalusian

ARCHITECTURE

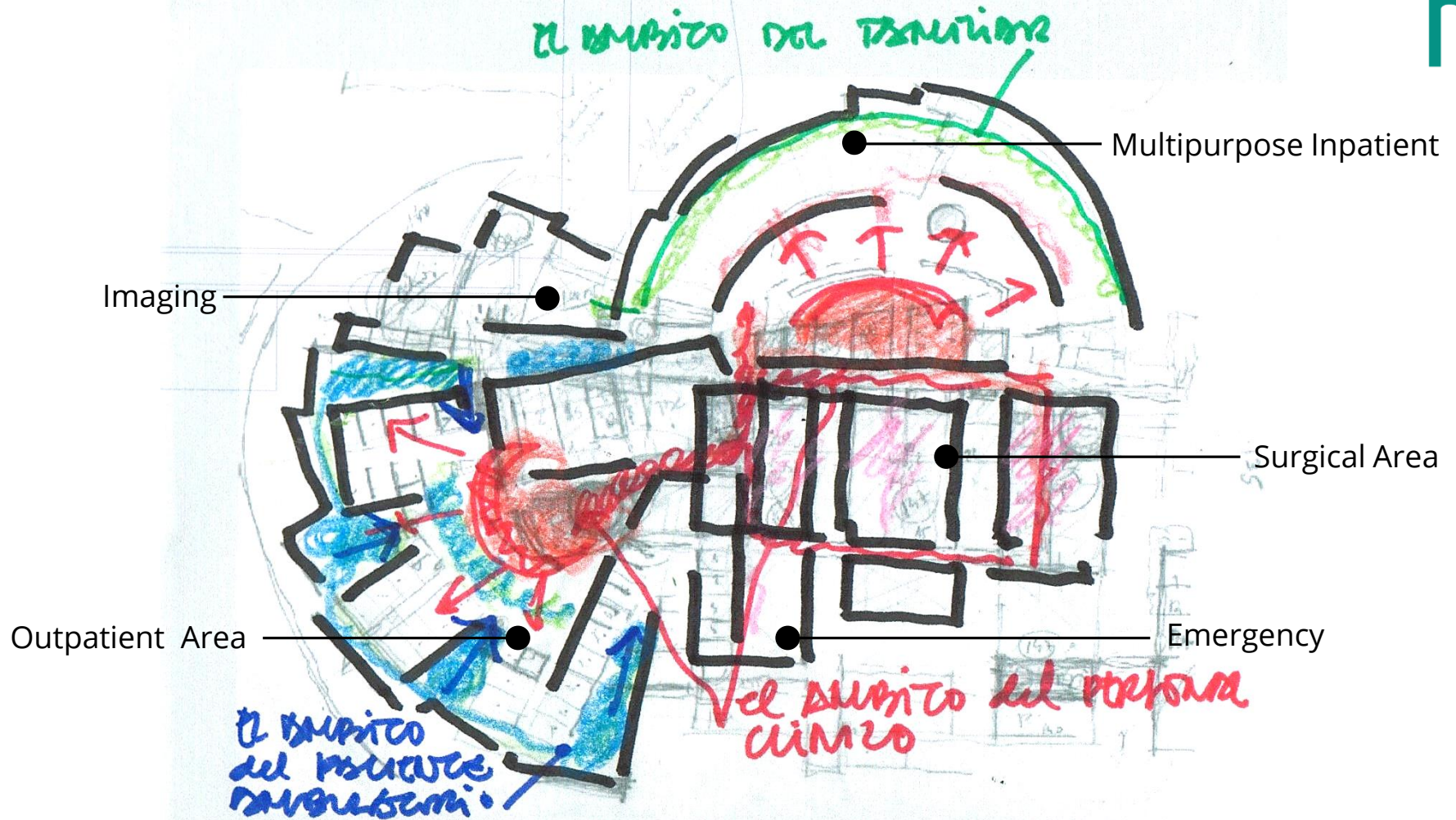


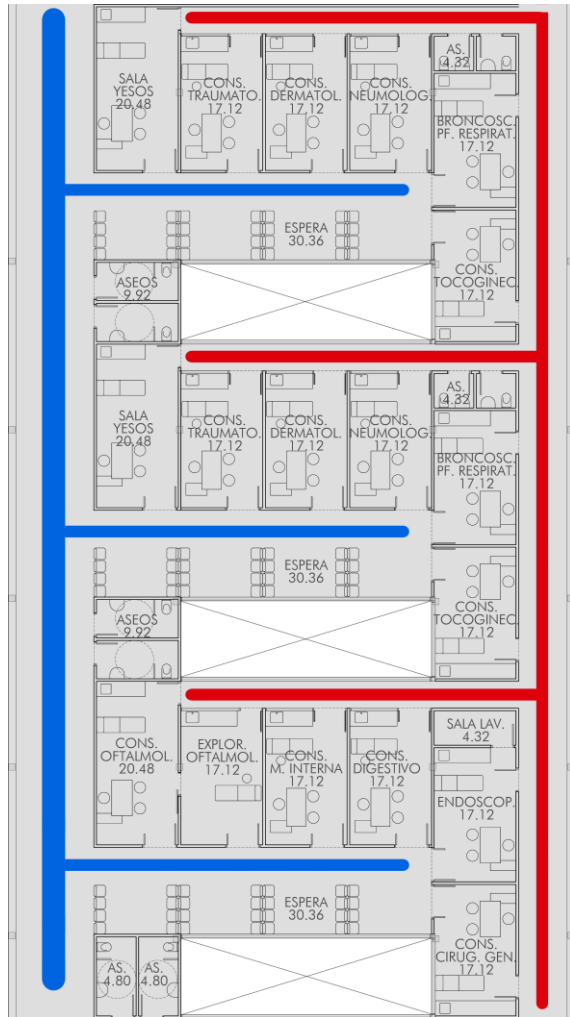
**LIGHTWEIGHT
HOSPITAL**

Compact, low, flexible, modular, oriented to Single Act Process, with adequate zoning and a scope on the user

SERVICES **PORTFOLIO**

- 1 Outpatient Area and Special Explorations
- 2 Emergency
- 3 Surgical Block
- 4 Multipurpose Inpatient Unit
- 5 Rehabilitation and Physiotherapy Area
- 6 Imaging, Biotechnology & Pharmacy
- 7 Management & Non-Assistance Support
- 8 Outdoor Area with Heliport





Outpatient Area and Special Explorations

Functional and special explorations connected with the corresponding consultation room.

Two different accesses:

To patient circuit (waiting areas),

Clinic circuit (perimeter corridor).



Emergency

Roofed entrance and
windbreak doors

Cardiopulmonary resuscitation
room

Adult and pediatric
differentiated attention

Quick treatment room
equipped with armchairs
instead of beds



Surgical Block

Surgery without admission

Short stay surgery

Major Surgery Ambulatory

Minor Surgery not included
in the offer of Primary Care
Services.



Multipurpose Hospitalization Unit

For patients that come from emergencies that require more observation, surgery patients that do not require admission, medical and surgical patients requiring minimal care of processes of medium complexity and general short-stay nature during a maximum amount of 72 hours



Imaging, Biotechnology and Pharmacy

Conventional radiology

Computerized Axial Tomography
CT

Nuclear Magnetic Resonance
NMR

Ultrasound

Mammography

Clinical Analysis & Blood Pool

Clinical Pharmacy



Obstetric Block

Exceptionally

Near to Surgical Block

Friendly

Comfortable

Non-surgical appeal

With multipurpose rooms, not
Surgical Theaters



Rehabilitation & Physiotherapy

Accessible directly for external patients.

It will provide treatment in low and medium recovery complexity.

It may count with gym and individualized attention boxes for thermotherapy and electrotherapy.



Management, Administration and Non-Assistance Support Area

Financial management and administration is done in coordination with the Backup Hospital

Geographical Mobility in Staff
Non Non-Assistance Support Areas are co-managed the same way.



Outdoor Area Landscape, Parking & Heliport

Separated spaces for Emergencies, Rehabilitation, rest of users, Staff and Maintenance.

The Heliport provides evacuation to Backup Hospital for patients 72 hours maximum after ingress

SIZING the H.R.H.

- Size depending on:**
- Demand for services.
 - Demographic and population flows
 - Organizational and management formulas.
 - Situation of Primary Care in the area
- Results on average:**
- Area between 8,000 and 12,000 m²
 - Investment Project and work: 10 - 15 million €
 - Investment equipment: 4 - 5 million €
 - Staff: 120 professionals (25 doctors)
 - Annual exploitation cost: 12 - 14 million €
 - Plots between 30,000 and 50,000 m²

OPERATING the H.R.H.

Outpatient acts:

40.000 per year

Special Procedures:

3.000 per year (End. Bronc...)

Emergencies:

58.000 per year (160 per day)

Referred Emergencies

2,98%

Hospitalization Incomes

825 per year

Average Stay

1,20 days

Surgery:

5,250 per year

Programmed

260

Emergency

5

Day Hospital

4.985

Lab. Procedures:

240.000 per year

X-ray Procedures:

49.500 per year

EXPERIENCES

H.R.Hospitals **Nowadays**





BENALMÁDENA H.R.Hospital



BENALMÁDENA H.R.Hospital



24 External Consulting/ Exploration Rooms
7 Radiodiagnosis rooms
Emergency Area (4 to 13 Consulting Rooms)
2 Cardiopulmonary Resuscitation Posts
24 Special Hospitalization Rooms
8 Short Stay Rooms
3 Operating Theaters
Rehabilitation an Physical Medicine Unit
Heliport

Built Surface 11.190 m²

Building Cost 14.325.000 €



EL TOYO H.R. Hospital



EL TOYO H.R.Hospital



34 External Consultation and Exploration Rooms
5 Radio diagnosis Rooms
Emergency Area with:
 5 Consultation Rooms/ 15 Observation Boxes
 2 Cardiopulmonary Resuscitation Posts
24 Special Hospitalization Rooms
12 Short Stay Rooms
6 Operating Theaters
Heliport

Built Surface 9.915 m²
Building Cost 11.025.000 €

PALMA DEL RÍO

H.R.Hospital





PALMA DEL RIO H.R.Hospital



20 External Consultation/ Exploration
4 Radio diagnosis Rooms
Emergency Area with:
 5 Consultation Rooms
 2 Hospitalization Rooms
8 Short Stay Rooms
2 Operating Theaters

Built Surface 9,480 m²

Building Cost 13,300.000 €

SUCCESS of HRH

Satisfaction Degree: **95,5%** vs Primary Care 91,9%
Regional Hospital 89,4%

Efficiency in health management: **76.74%** of first visits were carried out in a Single Act

Impact on the network of regional hospitals? **100%** of the CMA of the Provincial Hospital of Almería is done in H.R.Hospital Toyo



Thanks for your attention
www.planho.com

