

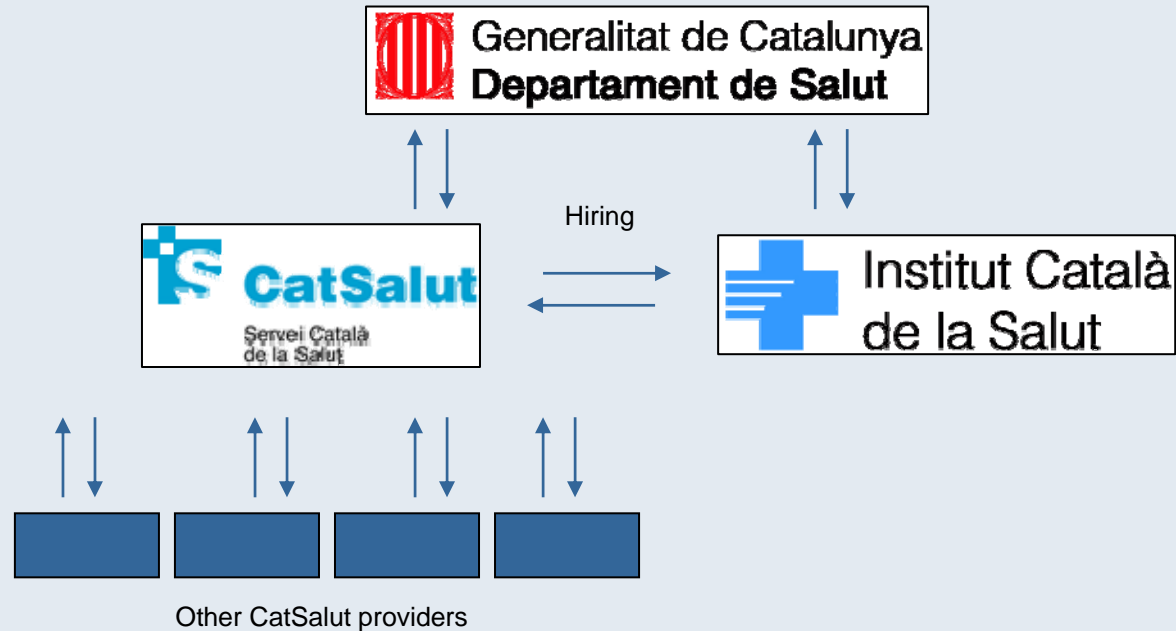
The vision of an integral provider: ICS

Dr Joan Escarrabill
Divisió Hospitalària

Barcelona, 30th January 2006

ICS in figures

The ICS is the main public health provider in Catalonia. More than 35,000 professionals carry out more than 50 million health-care interventions at its 8 hospitals and 271 Health Centres.



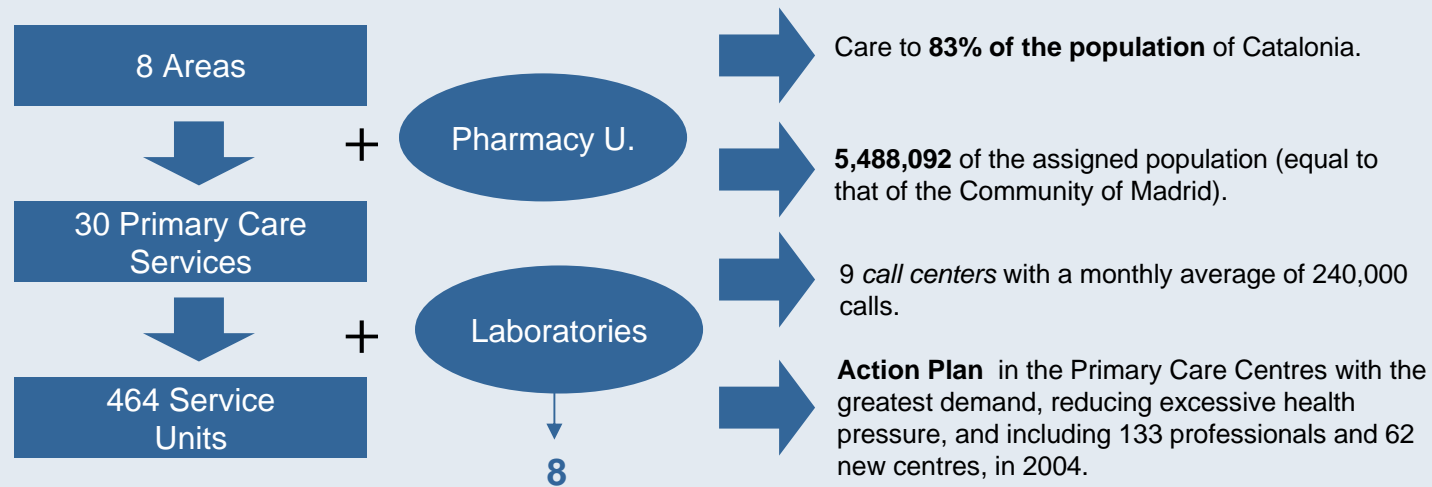
The ICS reports to the Department of Health. Its budget is approved on a yearly basis by the Parliament of Catalonia.

It works to standardise the contractual relationship between the CatSalut and the ICS and the relationship between the CatSalut and the other health-care centres of the XHUP (Public Hospital Network).

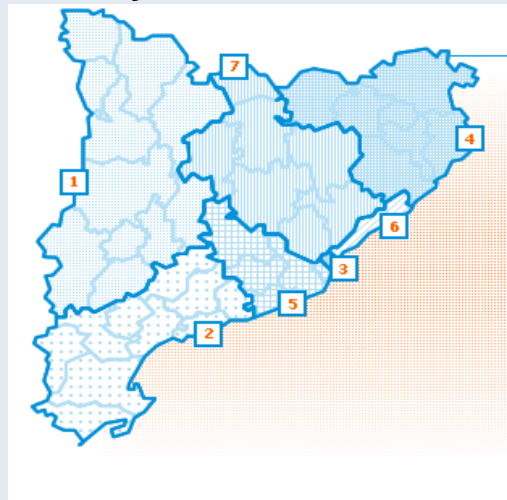
ICS in figures



HEALTH CENTRES: PRIMARY CARE

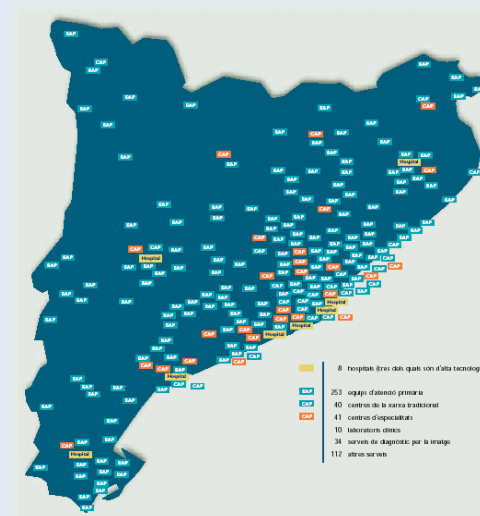


Primary Care areas



1. Lleida
2. Tarragona- Terres de l'Ebre
3. The city of Barcelona
4. Girona
5. Costa de Ponent
6. Barcelonès nord i Maresme
7. Centre

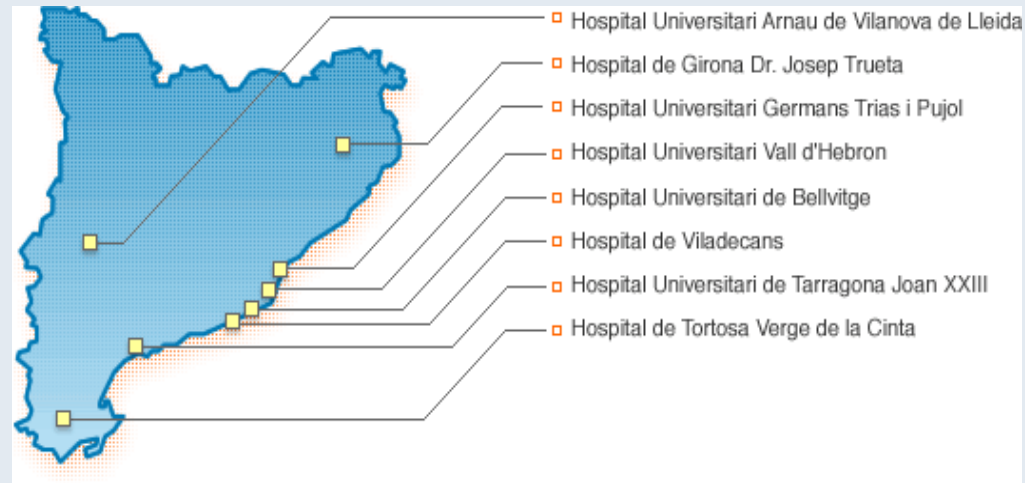
Service units



ICS in figures



HEALTH CENTRES: HOSPITAL CARE



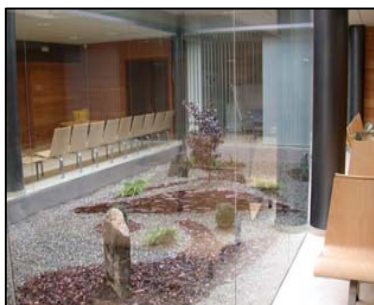
8 Hospitals

32% of the **beds** of the Public Hospital Network (XHUP)

More than 50% of high-tech beds

		Beds	Operating theatres	Offices query Outpatient
County H.	H. Viladecans	104	4	23
Reference H.	H. Verge de la Cinta	222	6	54
Reference H.	H. Arnau de Vilanova	432	11	53
Reference H.	H. Joan XXIII	325	8	61
Reference H.	H. Dr. Josep Trueta	372	11	50
High-technology H.	H. Germans Trias i Pujol	613	15	63
High-technology H.	C.S.U. Bellvitge	792	27	119
High-technology H.	H.U. Vall d'Hebron	1,265	44	213
TOTAL		4,125	126	636

ICS in figures



HEALTH-CARE ACTIVITY

HOSPITAL CARE

	Hospital Care 2004	%v2003
Conventional Discharges	174,270	2.0%
CMA Discharges	32,814	3.0%
Total Discharges	207,084	2.2%
Scheduled surgery	51,105	1.6%
Emergency Surgery	21,720	2.7%
Total surgical activity	105,639	2.2%
Emergencies	805,623	-0.6%
Pressure emergencies	60.90%	0.00%
First visits	800,636	4.2%
Index of repetition	3.09	-1.60%
Total Outpatient	2,111,700	2.9%
Day Hospital	154,855	10.2%
Hosp. Diagnostic tests	134,360	

PRIMARY CARE

	Primary Care 2004	%v2003
Family Medicine Visit	18,477,209	9.1%
Paediatric Visit	3,489,335	7.5%
Nursing visit	10,613,775	1.2%
Total visits EAP	32,854,132	6.2%
Home Family Medicine	248,980	-45.6%
Home Paediatrics	4,686	-71.6%
Home Nursing	226,539	-60.4%
Total visits home EAP	480,205	-54.1%
Total visits EAP	36,586,567	
Specialised Visits extrahosp.	1,006,525	
Lab tests ICS centres	17,724,102	6.8%
Radio diagnostic explorations	1,396,359	-2.3%
Diagnostic explorations	19,120,461	

EAP: Primary Care Team.
CMA: Major Ambulatory Surgery.

The vision

- ✚ Multihospital system
- ✚ Health professionals
- ✚ Chronic care
- ✚ Health technology

Multihospital System

The Growth Of Multihospital Firms In California

At least half of all hospitals in California are now part of multihospital systems.

BY JOANNE SPETZ, SHANNON MITCHELL, AND JEAN ANN SEAGO

Health Affairs 2000;19:24-30

Multihospital networks will increase, especially in non profit sector

Multihospital System

Cooperation vs competition...

- Better service → Critical mass
- Strongers in front of competitors
- Increase efficiency → Scales economy

Through...

- Non jerarquical agreements
- Specific topics
- All Win
- Cooperation in all services

The vision

- ✚ Multihospital system
- ✚ Health professionals
- ✚ Chronic care
- ✚ Health technology

Participation of all health professionals



MAIG

DIJOURS	DIJARS	DIJRES	DIJOS	DIJNRES	DIJARS	DIJNDS
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

1 maig 8 maig 15 maig 22 maig 29 maig

JUNY

DIJOURS	DIJARS	DIJRES	DIJOS	DIJNRES	DIJARS	DIJNDS
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

6 juny 13 juny 20 juny 27 juny



Meetings in each hospital

Videoconference

...more than 450 professionals

Main topics

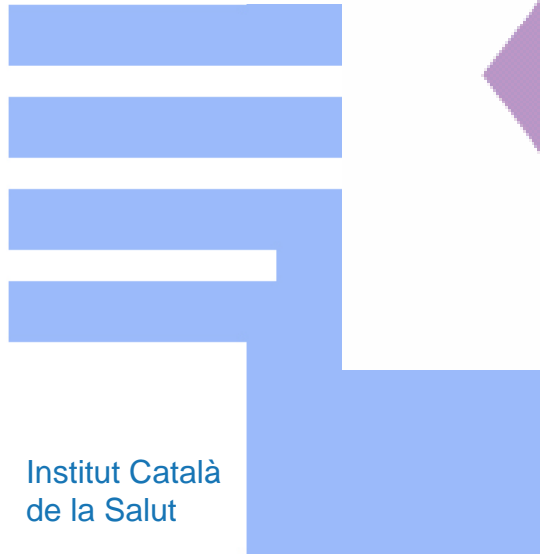
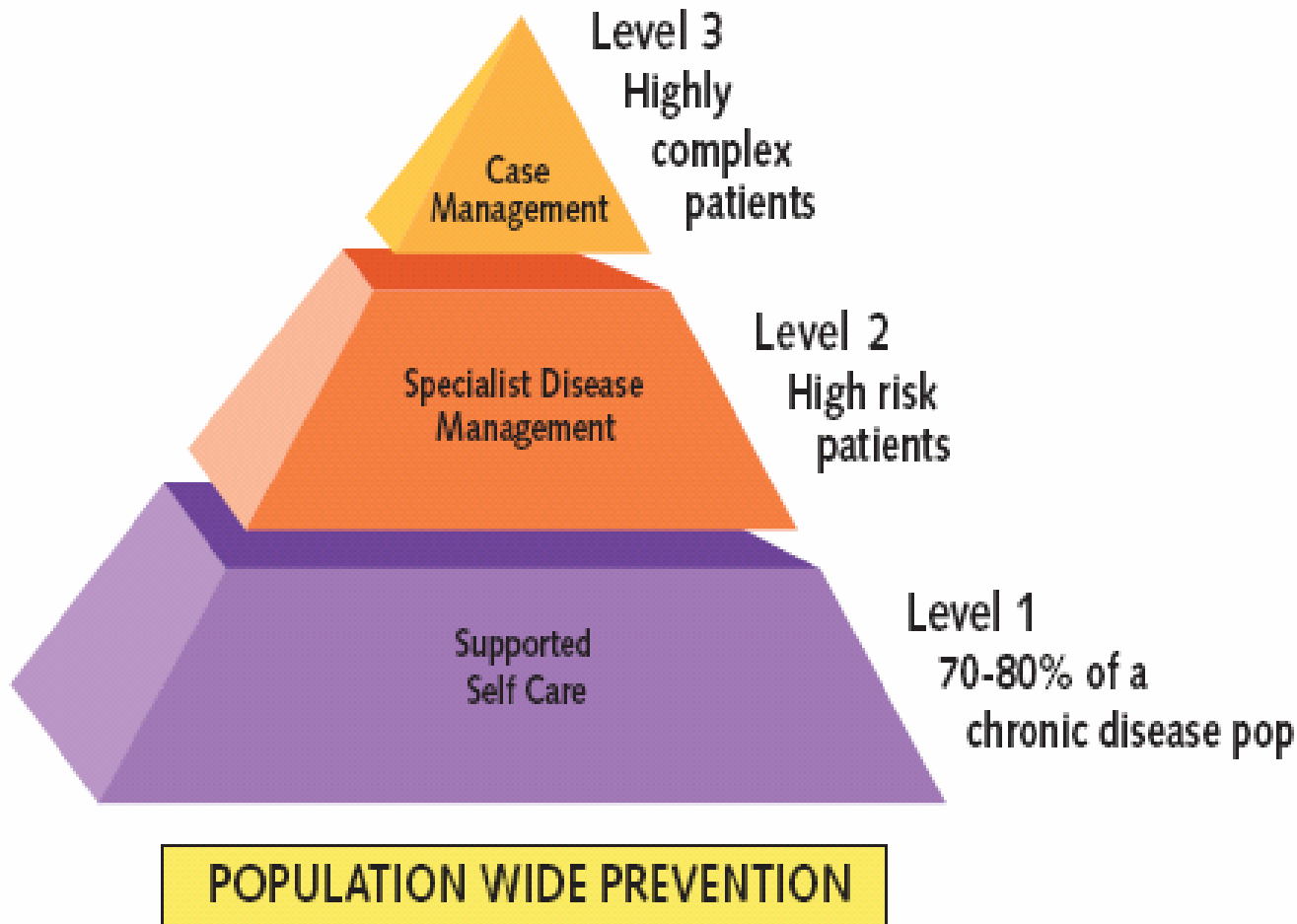


- ✚ Patient centred hospital
- ✚ Health model
- ✚ Professional's role
- ✚ Technology and research
- ✚ Hospital Architecture
- ✚ Hospitals' management and leadership

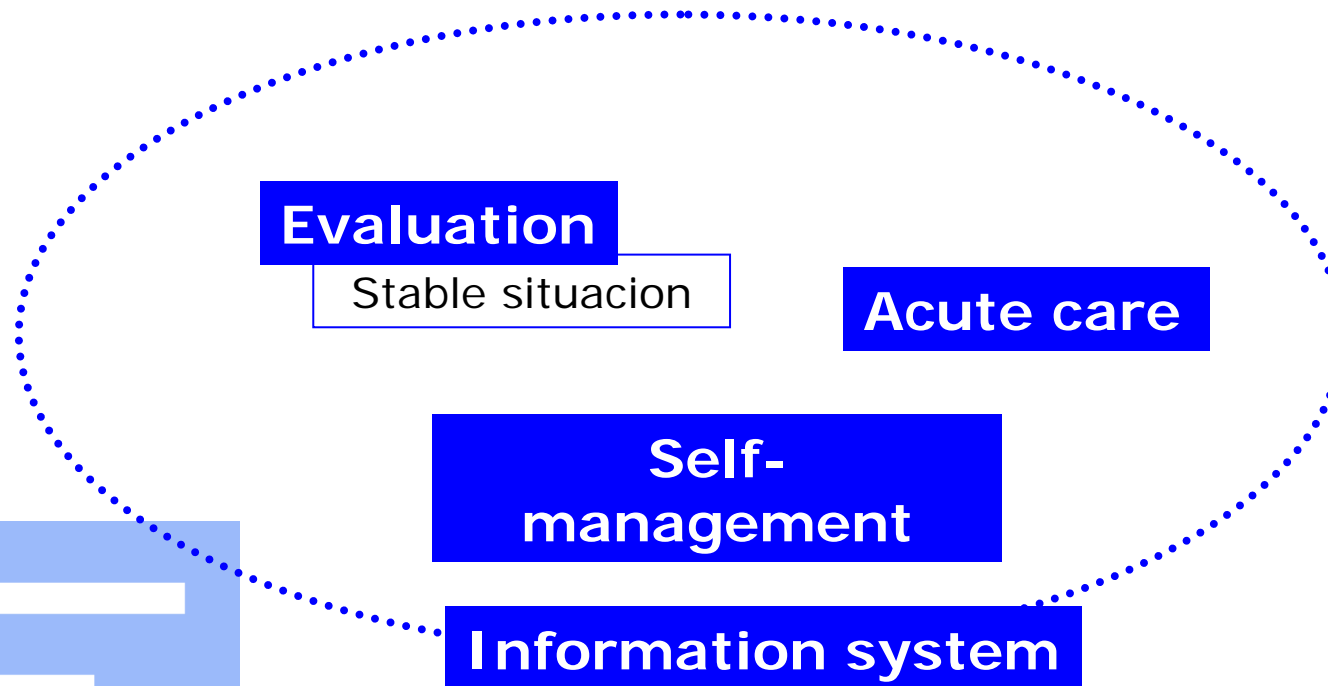
The vision

- ✚ Multihospital system
- ✚ Health professionals
- ✚ Chronic care
- ✚ Health technology

Chronic care



Chronic care model



Wagner EH. BMJ 2000;320:369-72

Wagner EH. BMJ 2004;328:177-8

PiSA Project: to improve care of frail patients and/or patients with severe chronic conditions through effective interventions from multidisciplinary hospital care teams.

Protocols
Evaluation of patients
Interventions in “target groups”
Discharge support
Improving relationship Hospital-Primary care

= **Intervention**

Basic intervention

1

Improve long-term **treatment**

2

Self-management

3

Continuum of care

Target Patients ?

1

Patients > 65 yrs frail, co-morbidities or dependency

2

Patients with severe chronic conditions

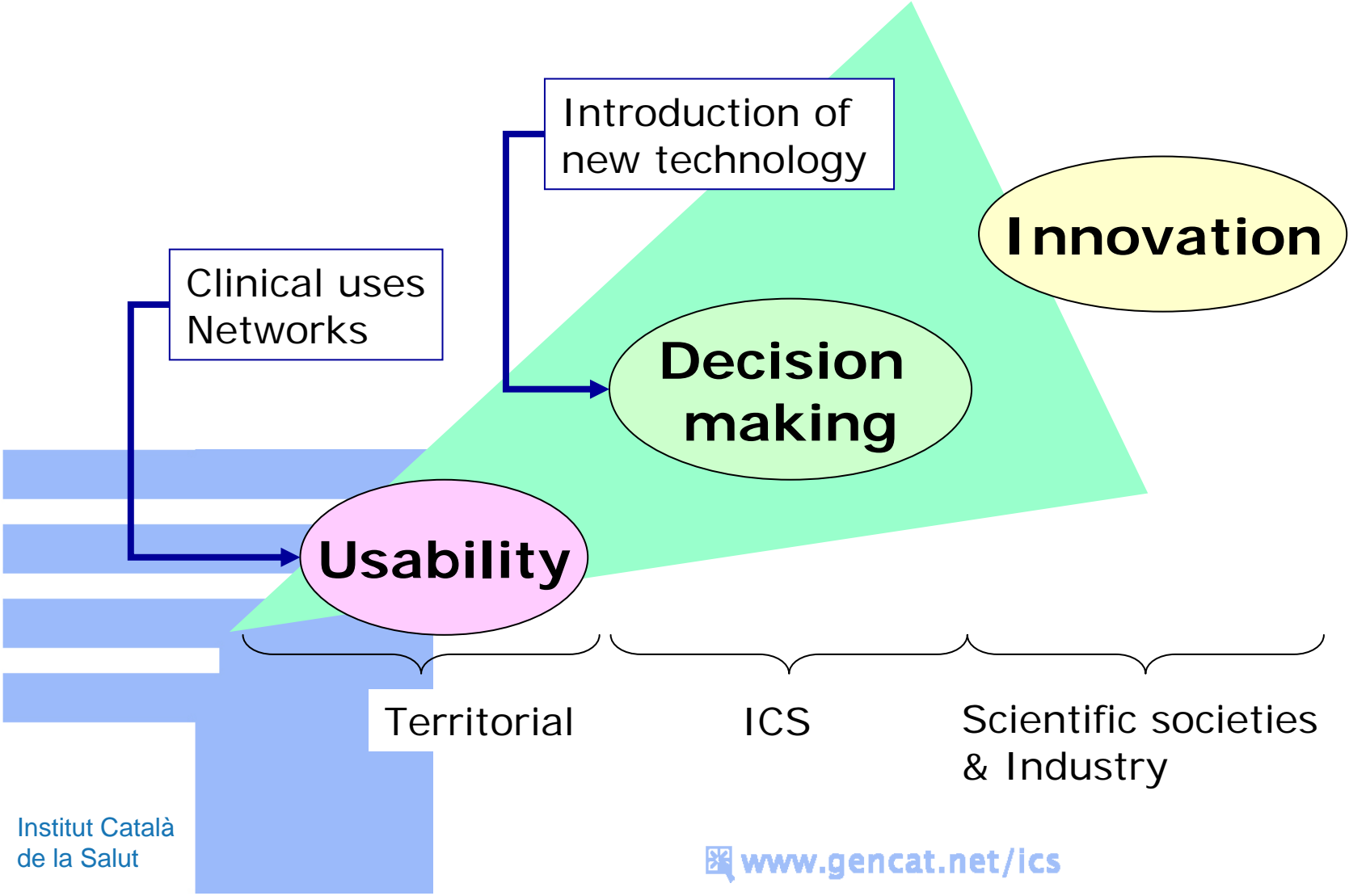
3

Patients that require multiple visits or admissions

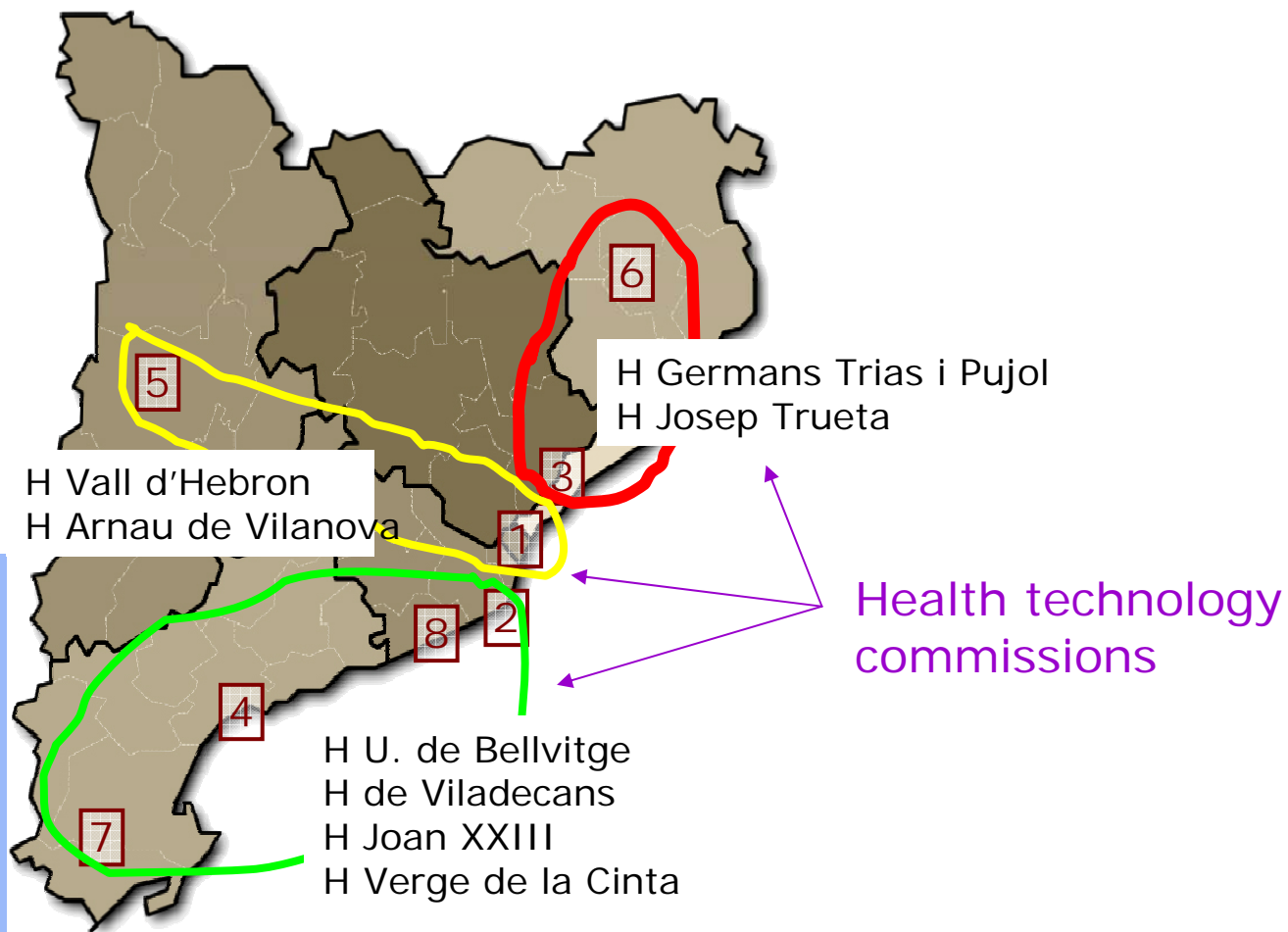
The vision

- ✚ Multihospital system
- ✚ Health professionals
- ✚ Chronic care
- ✚ Health technology

ICS: High Tech



Networks





HealthTech

Login

Password

New user? [Create an account](#)

[Forgot](#)

[Research & Tools](#) [Learning Networks](#) [Case Studies](#)



Partners

University HealthSystem
Consortium

Veterans Health
Administration

VHA Inc.

Institut Català
de la Salut

HealthTech Charts the Future

QUICKTECH SURVEY
Imaging - Partner Results

www.healthtechcenter.org/

Health

Health
Excellen
Neuro (NeuroSc
HealthTe
to spear
Neurosc

The real problem...

High tech in Barcelona, beyond the ICS...

- ✚ Concentration in 4-5 hospitals in Barcelona
- ✚ Duplication
- ✚ Efficiency ?
- ✚ Shortage of professionals
- ✚ 24 hours service

The challenge...

High tech in Barcelona, beyond the ICS...

⊕ Patients needs vs hospital supply

⊕ Do what patient need or
sell what we make

**Are hospitals like
nation-state???**