



#### GHCon2022



# HIS features and requirements for hospitals at the Canary Islands Healthcare system

## COMPLEJO HOSPITALARIO UNIVERSITARIO INSULAR – MATERNO INFANTIL DE GRAN CANARIA

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SERVICIO DE INFORMÁTICA





## **HOSPITAL INFORMATION SYSTEM**

HOSPITAL
HIS
EHR
PACS
RIS
SIL

PIS

**CCIS** 



**GOVERMENT TRASCAN** SICH SIPRE **UCLE CUP** TIS **HCDSNS** 





## **HIS MODULES**

#### Management

Inpatient Management

**Outpatient Management** 

Scheduling appointments

Waiting list management

Operating room management

**Master Index Patient** 

Emergency department







## **EHR FEATURES**

#### **FEATURES**

Integrated Health Record

**Medical Orders** 

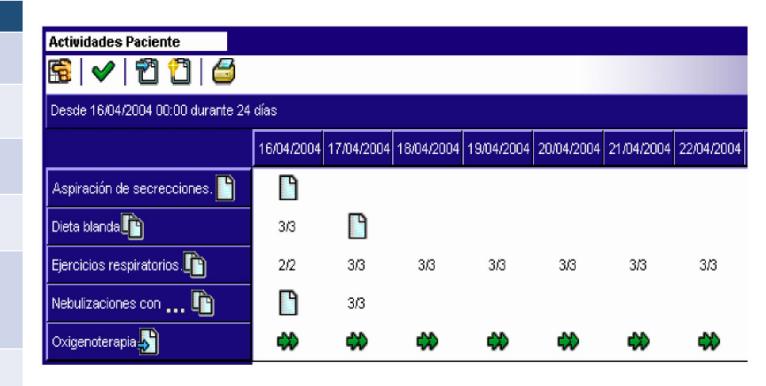
Medical reports

Care planning

Clinical guidelines and care protocols

Mobility

Digital signature







## **REGULATION**

Ley 41/2002, patient autonomy and clinical documentation.

**Real Decreto 1093/2010**, minimum data set of **clinical reports** in the National Health System.

Real Decreto 4/2010, national scheme of interoperability.

Real Decreto 311/2022, national scheme of security.





#### **HEALTH IT STANDARDS**

## **INTER - OPERABILITY:**

A model is agreed to that allows all systems to exchange what needs to be exchanged, without requiring any design changes to the way their systems works.

## **INTRA - OPERABILITY:**

Rework the core structures of the systems to function in an agreed way. Because all the systems work the same way, then exchange between the systems is easy and straightforward.

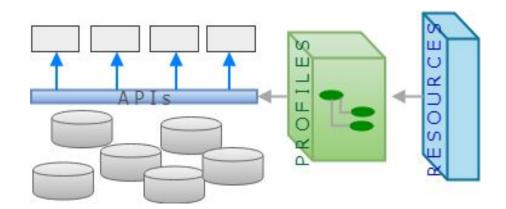
¿Can **GNUHealth** Interoperate or intraoperate?

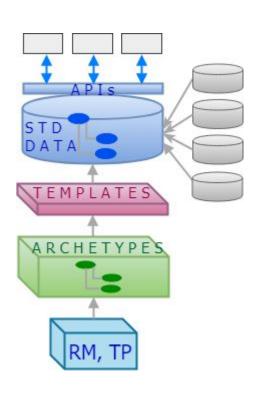




## **HEALTH IT STANDARDS**





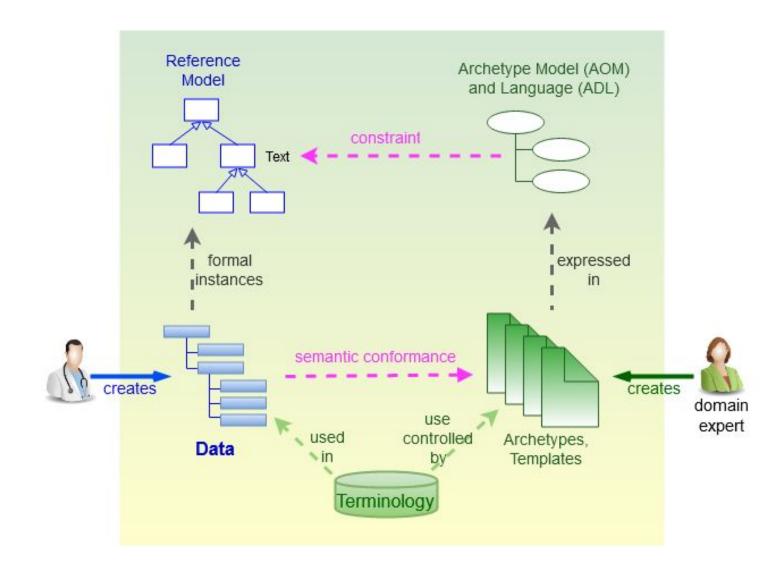








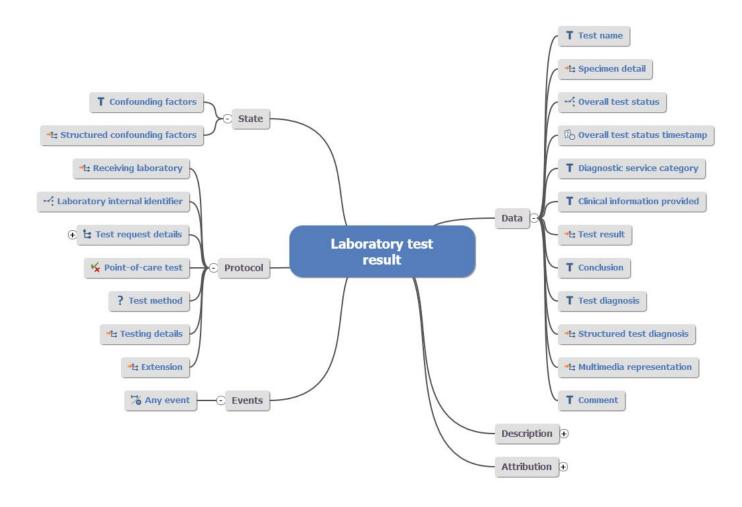
## **HEALTH IT STANDARDS**







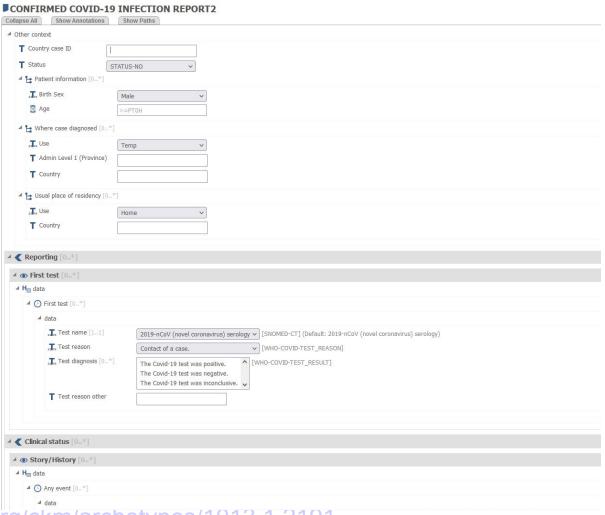
## **HEALTH IT STANDARDS**







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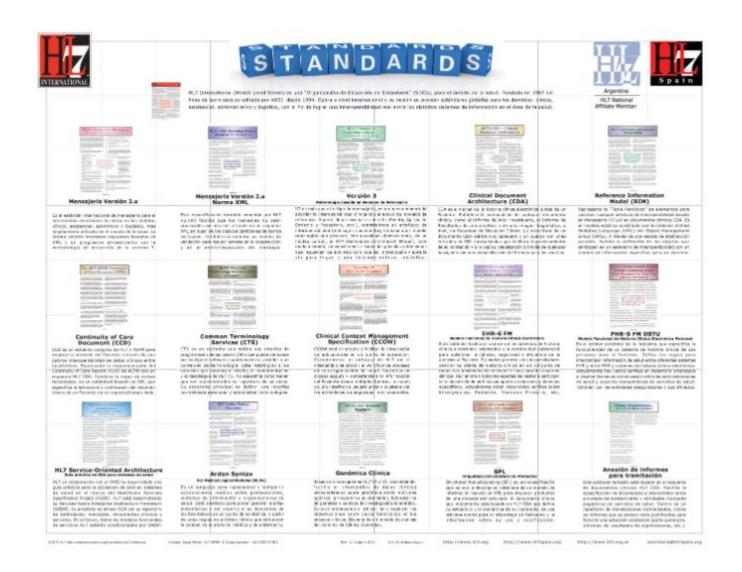
https://ckm.openehr.org/ckm/archetypes/1013.1.2191





#### **HEALTH INTEROPERABILITY STANDARDS: HL7**

HL7 RepEstandares.pdf

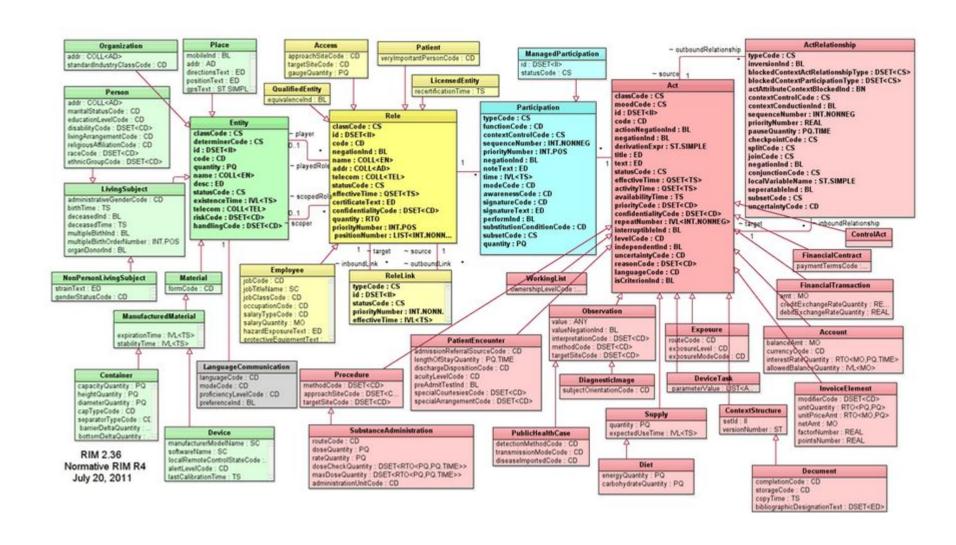






#### **HEALTH INTEROPERABILITY STANDARDS: HL7**

#### HL7 RIM.pdf

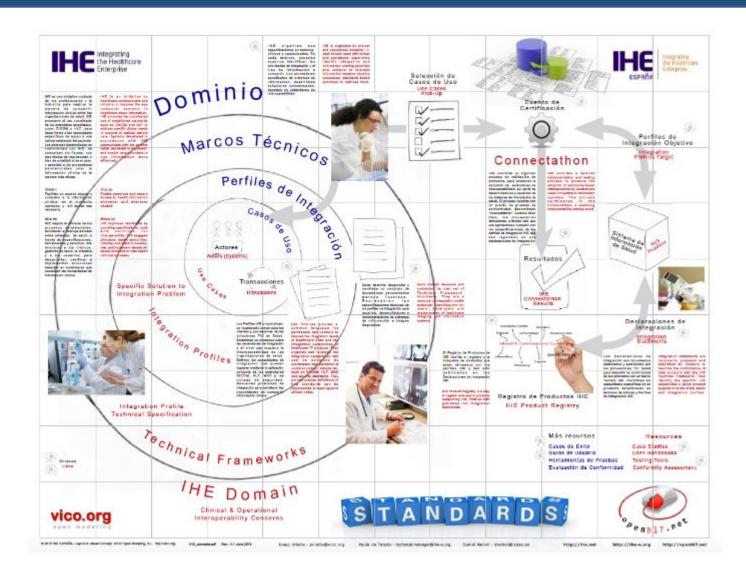






## **HEALTH INTEROPERABILITY STANDARDS: IHE**

IHE concepts.pdf

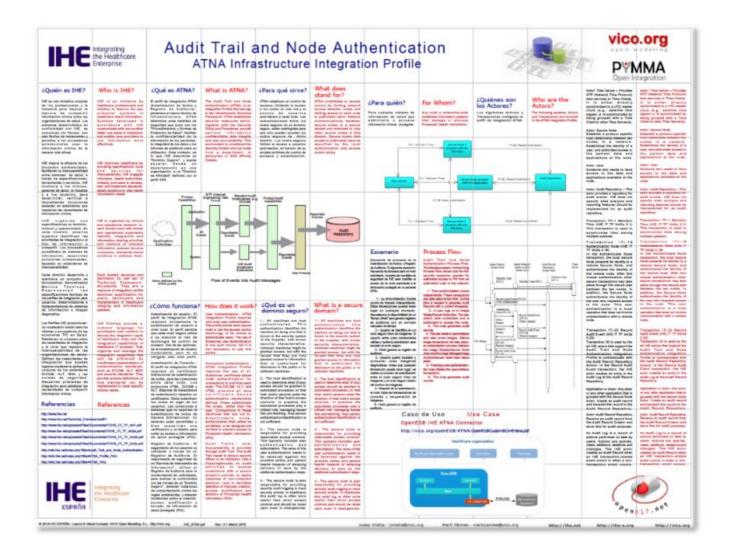






## **HEALTH INTEROPERABILITY STANDARDS: IHE**

IHE ATNA.pdf







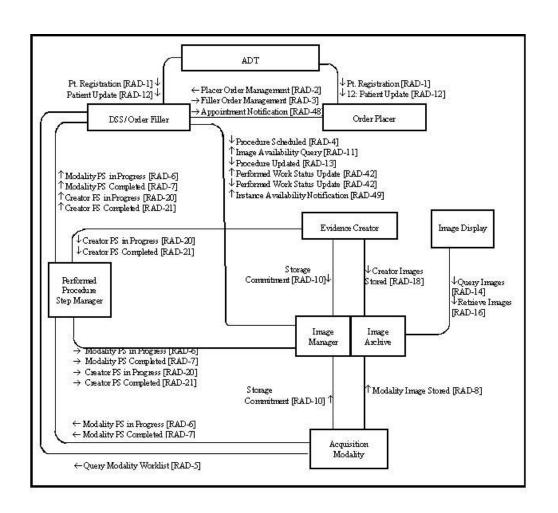
## **HEALTH INTEROPERABILITY STANDARDS: SNOMED**

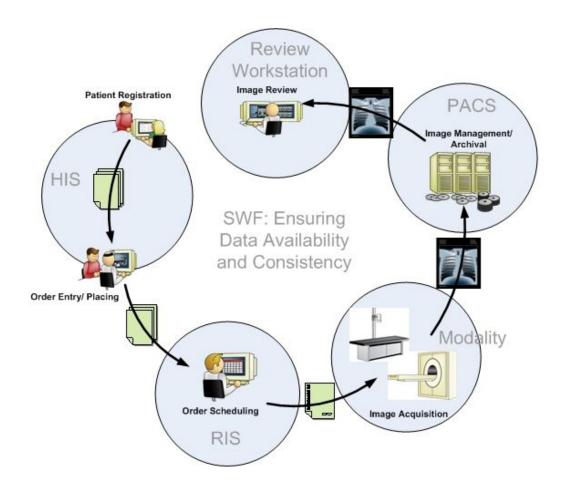
SNOMED CT - Home (intsdotools.org)





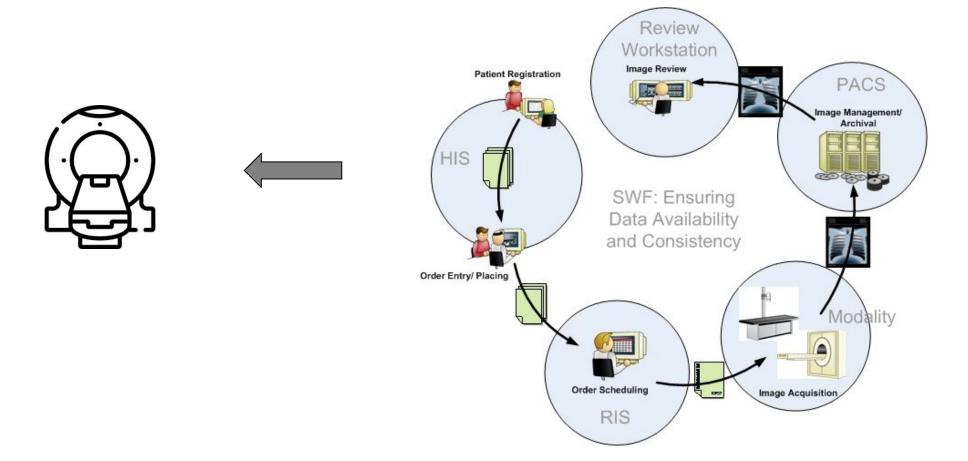






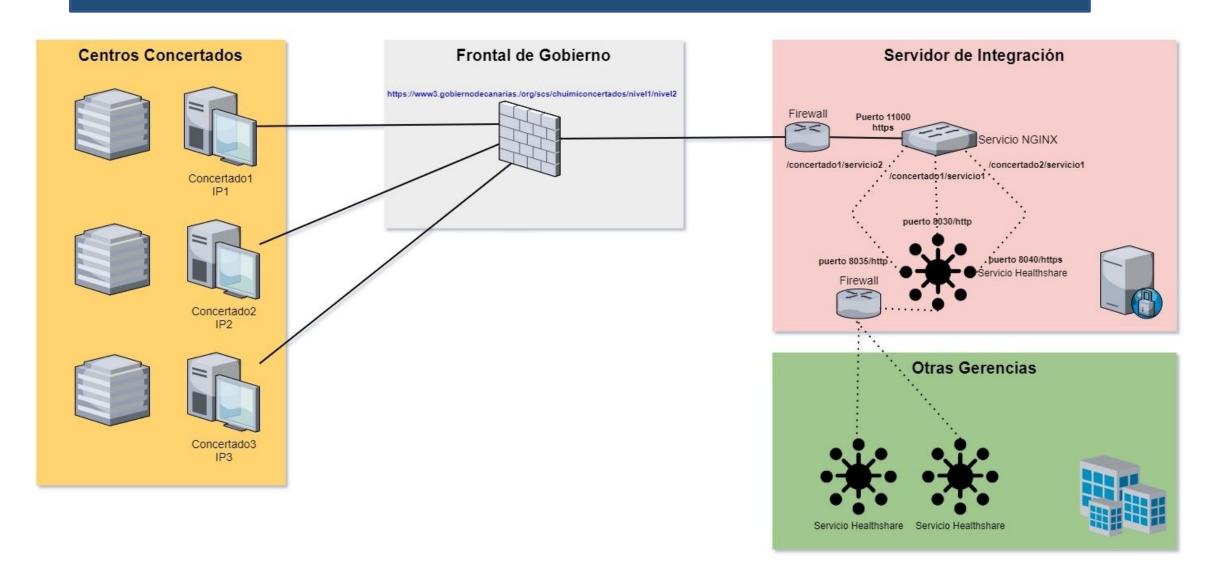














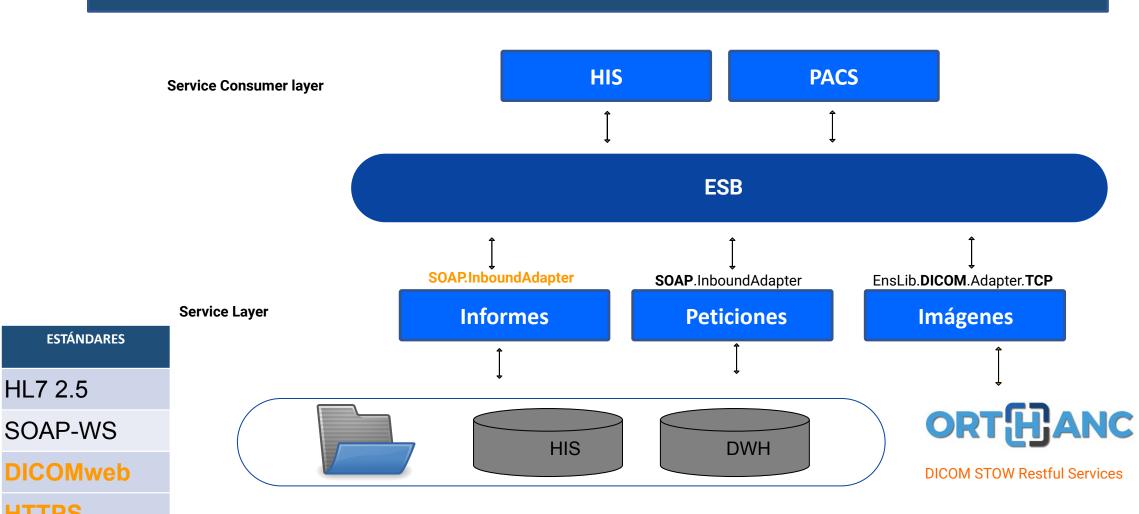
HL7 2.5

**HTTPS** 

**WS-Security** 

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#### **CONTACTO**

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