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

COMPLEJO HOSPITALARIO UNIVERSITARIO INSULAR – MATERNO INFANTIL DE GRAN CANARIA

Jose M. Domenech Cabrera
SERVICIO DE INFORMÁTICA
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<th><strong>HOSPITAL</strong></th>
<th><strong>GOVERNMENT</strong></th>
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<td>HIS</td>
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<td>EHR</td>
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<td>PACS</td>
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<td>RIS</td>
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<td>CCIS</td>
<td>HCDSNS</td>
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HIS MODULES

Management

Inpatient Management
Outpatient Management
Scheduling appointments
Waiting list management
Operating room management
Master Index Patient
Emergency department
## EHR FEATURES

<table>
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<tr>
<td>Integrated Health Record</td>
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<td>Medical Orders</td>
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<td>Care planning</td>
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<td>Clinical guidelines and care</td>
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![Image of EHR features](image-url)
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 311/2022, national scheme of security.
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

HL7® FHIR®
HEALTH IT STANDARDS
HEALTH IT STANDARDS

[Diagram showing a flowchart of test result components, including confounding factors, state, protocol, data, and various test details.

https://ckm.openehr.org/ckm/archetypes/1013.1.2191]
HEALTH IT STANDARDS

https://ckm.openehr.org/ckm/archetypes/1013.1.2191
HEALTH INTEROPERABILITY STANDARDS: SNOMED

SNOMED CT - Home (ihtsdo.org)
USE CASE: RADIOLOGY WORKFLOW
USE CASE: RADIOLOGY WORKFLOW

Centros Concertados
- Concertado1 IP1
- Concertado2 IP2
- Concertado3 IP3

Frontal de Gobierno
https://www.gobiernodecanarias.org/gesos/ahum/concertados/nivel1/nivel2

Servidor de Integración
- Firewall
- Puerto 11000 https
  - /concertado1/servicio1
  - /concertado1/servicio2
- Puerto 8036/https
- Puerto 8040/https
- Servicio Healthshare

Otras Gerencias
- Servicio Healthshare
- Servicio Healthshare
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