HC3
Shared Medical Record in Catalonia

The HC3 pools together the set of information containing details on the situation and evolution of a patient through the course of their health care process and always under adequate parameters of security and confidentiality.

The HC3 follows a decentralised management model and is interconnected through interoperability systems and standards for semantic, syntactical and technical integration.

The benefits of the HC3

- It is a platform for the exchange of information.
- It is a tool for consultation for medical staff that allows them to access information on patients, independently of their geographical location and their care level.
- It provides information to improve the decision-making process related to diagnosis and treatment.
- It improves coordination between the different levels of care such as, for example and especially, between primary care and specialist care.
- It allows access to and visualisation of radiological images so that they can be shared between different centres.
- It contributes to reducing errors and the duplication of unnecessary diagnostic tests.
- It adopts a leading interoperability model in Spain (for example, for the digital medical record project for the National Health System and in the international sphere (the international project EPSOS, Smart Open Services for European Patients), which will facilitate health care provided to users when outside of Catalonia.

TicSalut
Technology, innovation and health

Generalitat de Catalunya
Departament de Salut

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Display for medical professionals

Through the display, medical professionals can access in consultation mode the information that different health care centres have published on the patient:

- patient’s basic details
- summarised medical record
- information and detail on CRG (Clinical Risk Groups)
- chronic patient marking
- documents
- diagnoses
- pharmacy
- immunisations
- Digital Medical Record of the National Health Service (HCDSNS)
- alerts: advance care directives, record of child abuse, etc.
- Shared Individualised Intervention Plan (PIIC)
- Clinical Evolution Shared with Primary Health Care (CCCAP)

The HC3 in figures

<table>
<thead>
<tr>
<th></th>
<th>Document published (monthly average 2013)</th>
<th>Access by medical professionals (monthly average 2013)</th>
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<tbody>
<tr>
<td></td>
<td>1,895,692</td>
<td>134,546</td>
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<tr>
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<th>Documents published (until February 2014)</th>
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<td>80 million</td>
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Comprehensive Public Use Health Care System of Catalonia (SISCAT) centres connected (January 2014)

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<thead>
<tr>
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<th>percentage</th>
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<tbody>
<tr>
<td>Primary health care centres</td>
<td>98%</td>
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<tr>
<td>Acute hospitals</td>
<td>98%</td>
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<tr>
<td>Social health care centres</td>
<td>91%</td>
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<tr>
<td>Mental health centres</td>
<td>84%</td>
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