

#EHTEL_Symposium

EXPANDING CITIZENS' ACCESS TO PERSONAL HEALTH DATA: The Catalan approach

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28-29 November 2022



CATALUNYA Health System model for 7,5 M inhabitants

	Coverage
NHS – PUBLIC INSURANCE	100 % POPULATION
PRIVATE INSURANCE (ACES)	25 % POPULATION

Personal Data Access

LMS – La Meva Salut

It depends on Provider



La meva
/Salut

gencat



ACCESS TO PERSONAL HEALTH DATA:

EU REGULATION: GDPR & EHDS:

Individual control over information linked to them.

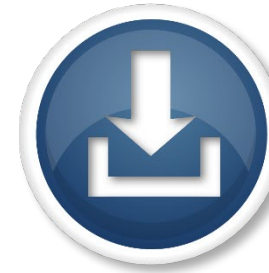
A new specific right, **Portability**, in addition to the traditional **ARCO** rights (Access, Rectification, Cancellation and Opposition)

ACTUAL MAIN FUNCIONALITIES:

- Consult Medical Reports: not structured/ not standards
- e booking
- e consultation
- COVID Vaccine certificate
-

do not have **Control** over their data and **Portability**

BLUE BUTTON INSPIRATION...



Blue Button
**Download
My Data** [®]

Catalunya initiative..... first country..... LMS already and ACES will soon include:

- **Download structured medical data and reports**
- **Generate and download EU Patient Summary**

according to HL7 C-CDA standards and specifications, Blue Button 2.0 and EU implementation IHE guides and in line with the International Patient Summary

full compliance EU regulation

My EU Patient Summary File from LMS

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?><ClinicalDocument
xmlns="urn:hl7-org:v3" xmlns:ns2="urn:hl7-org:sdtc"> <typeId
root="2.16.840.1.113883.1.3" extension="POCD_HD000040"/> <templateId
root="1.3.6.1.4.1.19376.1.5.3.1.1.1"/> <templateId
root="1.3.6.1.4.1.19376.1.5.3.1.1.2"/> <templateId
root="2.16.840.1.113883.10.20.1"/> <templateId root="2.16.840.1.113883.10.20.3"/>
<templateId root="2.16.840.1.113883.3.88.11.32.1"/> <templateId
root="1.2.40.0.32.6.1.10.1.1.1" extension="XPHR.PHRExtract"/> <templateId
root="1.2.40.0.32.6.1.10.1.1.2" extension="d386b230-4d66-102d-82e1-
000c294786b1"/> <templateId root="1.3.6.1.4.1.19376.1.5.3.1.1.5"/> <id
root="2.16.724.4.9" extension="3163201664864091826"/> <code code="34133-9"
codeSystem="2.16.840.1.113883.6.1" codeSystemName="LOINC"
displayName="Summary of Episode Note"/> <title>European Patient Summary</title>
<effectiveTime value="20221004081451+0200"/> <confidentialityCode code="N"
codeSystem="2.16.840.1.113883.5.25" codeSystemName="Confidentiality"
displayName="Normal"/> <languageCode code="ca-ES"/> <recordTarget
typeCode="RCT" contextControlCode="OP"> <patientRole> <id
root="2.16.724.4.40" extension="BBBBBBBCZ861198"/> <id
root="2.16.724.4.41" extension="GUCA0610530007"/>
.....
```

EU Patient Summary File from LMS

CIP SNS: BBBB8888BZ442285
National Healthcare ID:
Nom:
Pacient Name:
Cognom 1:
Ficticio Surname 1:
Cognom2:
Activo Surname 2:
Sexe: Dona
Sex: Female
Data de naixement: 1993-04-01 Edat: 25
Birthdate: Age: 25

CIP SNS: BBBB8888BZ442285 Nom: Maria de los Remedios Cognom 1: Iglesias Cognom 2: de los Rios
National Healthcare ID: 14504554 Name: Maria de los Remedios Surname 1: Iglesias Surname 2: de los Rios
Dona Data de naixement: 1993-04-01 Edat: 25 anys
Birthdate : 1993-04-01 Age: 25 years

Resum de Pacient UE EU Patient Summary

Autor: Departament de Salut de la Generalitat de Catalunya Data de creació: 2018-12-01 Data actualització: 2018-12-05
Author: Date created: Date updated:

Resum medicació Medication Summary

Principi actiu: SNOMED CT [90332006](#) Paracetamol
Active ingredient: Paracetamol

Potència: 500 mg por comprimit
Strength: 500 mg per tablet

Via d'administració: EDQM [20053000](#) Via oral
Route of administration: Oral use

Forma farmacèutica: EDQM [10219000](#) Comprimit
Pharmaceutical dose form: Tablet

Número de unitats por toma: 1 comprimit
Number of units per intake: 1 tablet

Freqüència de tomes: Cada 24 hores
Frequency of intakes: Every 24 hours

Data inici : 2018-02-26
Onset date:

Duració del tractament: 14 dies
Duration of treatment: 14 days

Nom comercial: CN AEMPS [70311](#) Paracetamol Sandoz 1 comprimits
Brand name:

Al·lèrgies i altres Reaccions Adverses Allergies and Other Adverse Reactions

Agent causal: SNOMED CT [735029006](#) Marisc
Causative agent: Shellfish

Data inici : 2016-04-07
Onset date:

Immunitzacions Immunizations

Vacunació: SNOMED CT [111164008](#) Vacuna antipoliomielítica
Vaccination: Poliovirus vaccine

Data de la vacunació: 1998-11-02/
2000-02-16 / 2002-06-12
Vaccination date:

Problemes de salut actius Active Problems

Problema/Diagnòstic : CIE-10-ES [E10.9](#) Diabetes mellitus tipo 1 sense complicacions
Problem/Diagnosis: ICD-10-CM Type 1 diabetes mellitus without complicator

Data inici : 2012-01-09
Onset date:

Problemes de salut tancats Past Illness

Problema/Diagnòstic: CIE-9-MC [540.0](#) Apendicitis aguda amb peritonitis generalitzada
Problem/Diagnosis: ICD-9-CM Acute appendicitis with peritoneal abscess

Data inici : 2001-10-29
Onset date:

Data tancament : 2001-11-02
Closing date:

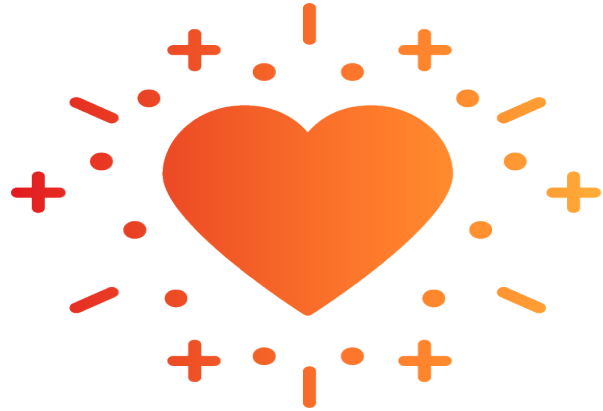
Estat funcional Functional Status

Disponible a 2022

Grupo sanguini Blood group

Resultat de grup sanguini: SNOMED CT [278149003](#) Grupo sanguini A Rh(D) positiu
Blood group result: Blood group A Rh(D) positive

The initiative has been promoted by SALUS.COOP



SALUS.COOP

Data Donors for Common Good

Citizen cooperative, a new non profit institution (cooperative), legal (licensing) and technological (anonymity and decentralization) so that citizens can manage their personal data and create collective value.

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EHTEL



Digital Health
& Care Scotland



Norwegian Centre for
E-health Research

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THE DIGITAL TRANSFORMATION COMPANY

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