

Hospital Vall d'Hebron

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Data source

Human

Hospital discharge records

Hospital outpatient visit records

Other

Administrative details

Administrative details

PURI

<https://redirect.ema.europa.eu/resource/1111173>

Data source ID

1111173

Data source acronym

VH

Data holder

[Institut Català de la Salut \(ICS\)](#)

Data source type

Hospital discharge records

Hospital outpatient visit records

Other

Data source type, other

Electronic health records, Prescription, Laboratory, patients, death

Main financial support

National, regional, or municipal public funding

Care setting

Hospital inpatient care

Hospital outpatient care

Data source qualification

If the data source has successfully undergone a formal qualification process (e.g., from the EMA, ISO or other certifications), this should be described.

No

Contact details

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Main

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Data source regions and languages

Data source countries

Spain

Data source languages

Catalan

English

Spanish

Data source regions

Catalunya [Cataluña]

Data source establishment

Data source established

01/09/2009

Data source time span

First collection: 01/09/2009

The date when data started to be collected or extracted.

Data elements collected

The data source contains the following information

Disease information

Does the data source collect information with a focus on a specific disease? This might be a patient registry or other similar initiatives.

Yes

Disease details

Diabetes mellitus

Type 1 diabetes mellitus

Type 2 diabetes mellitus

Peritoneal dialysis

Epilepsy

Disease details (other)

C. Prostate, DMAE, Acute Pain, hemodialysis, STROKE, Leukocytoapheresis, Minority Diseases, Hepatic process, Obstetric process, Preoperative process, Transition Process, I LAUGH, TDAH , Liver Transplantation

Rare diseases

Are rare diseases captured? In the European Union a rare disease is one that affects no more than 5 people in 10,000.

Yes

Pregnancy and/or neonates

Does the data source collect information on pregnant women and/or neonatal subpopulation (under 28 days of age)?

Yes

Hospital admission and/or discharge

Yes

ICU admission

Is information on intensive care unit admission available?

Yes

Cause of death

Captured

Cause of death vocabulary

Other

SNOMED

Cause of death vocabulary, other

The answers are from the OMOP database

Prescriptions of medicines

Captured

Prescriptions vocabulary

ATC

other

RxNorm

Prescriptions vocabulary, other

The answers are from the OMOP database

Dispensing of medicines

Captured

Dispensing vocabulary

ATC

other

RxNorm

Dispensing vocabulary, other

The answers are from the OMOP database

Advanced therapy medicinal products (ATMP)

Is information on advanced therapy medicinal products included? A medicinal product for human use that is either a gene therapy medicinal product, a somatic cell therapy product or a tissue engineered products as defined in Regulation (EC) No 1394/2007 [Reg (EC) No 1394/2007 Art 1(1)].

No

Contraception

Is information on the use of any type of contraception (oral, injectable, devices etc.) available?

No

Indication for use

Does the data source capture information on the therapeutic indication for the use of medicinal products?

Captured

Indication vocabulary

Other

SNOMED

Indication vocabulary, other

The answers are from the OMOP database

Medical devices

Is information on medicinal devices (e.g., pens, syringes, inhalers) available?

Yes

Administration of vaccines

Yes

Procedures

Does the data source capture information on procedures (e.g., diagnostic tests, therapeutic, surgical interventions)?

Captured

Procedures vocabulary

ICD-10-CM

Other

Procedures vocabulary, other

The answers are from the OMOP database

Healthcare provider

Is information on the person providing healthcare (e.g., physician, pharmacist, specialist) available?

The healthcare provider refers to individual health professionals or a health facility organisation licensed to provide health care diagnosis and treatment services including medication, surgery and medical devices.

Yes

Clinical measurements

Is information on clinical measurements (e.g., BMI, blood pressure, height) available?

Yes

Genetic data

Are data related to genotyping, genome sequencing available?

Captured

Biomarker data

Does the data source capture biomarker information? The term “biomarker” refers to a broad subcategory of medical signs (objective indications of medical state observed from outside the patient), which can be measured accurately and reproducibly. For example, haematological assays, infectious disease markers or metabolomic biomarkers.

Not Captured

Patient-reported outcomes

Is information on patient-reported outcomes (e.g., quality of life) available?

Yes

Patient-generated data

Is patient-generated information (e.g., from wearable devices) available?

Yes

Units of healthcare utilisation

Are units of healthcare utilisation (e.g., number of visits to GP per year, number of hospital days) available or can they be derived? Units of healthcare utilisation refer to the quantification of the use of services for the purpose of preventing or curing health problems.

No

Unique identifier for persons

Are patients uniquely identified in the data source?

Yes

Diagnostic codes

Captured

Diagnosis / medical event vocabulary

ICD-10-CM

Other

SNOMED

Diagnosis / medical event vocabulary, other

The answers are from the OMOP database

Medicinal product information

Captured

Medicinal product information collected

Brand name

Dose

Medicinal product vocabulary

Other

RxNorm

If 'other,' what vocabulary is used?

The answers are from the OMOP database

Quality of life measurements

Not Captured

Lifestyle factors

Not Captured

Sociodemographic information

Captured

Sociodemographic information collected

Age

Country of origin

Gender

Quantitative descriptors

Population Qualitative Data

Population age groups

Paediatric Population (< 18 years)

Preterm newborn infants (0 – 27 days)

Term newborn infants (0 – 27 days)

Infants and toddlers (28 days – 23 months)

Children (2 to < 12 years)

Adolescents (12 to < 18 years)

Adults (18 to < 46 years)

Adults (46 to < 65 years)

Elderly (\geq 65 years)

Adults (65 to < 75 years)

Adults (75 to < 85 years)

Adults (85 years and over)

Estimated percentage of the population covered by the data source in the catchment area

21%

Description of the population covered by the data source in the catchment area whose data are not collected (e.g., people who are registered only for private care)

The percentage has been calculated with respect to the population of Catalonia.

We are a reference center for many diseases

Population

Population size

1772786

Active population size

1685566

Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	278674	277296
Preterm newborn infants (0 - 27 days)	8377	8123
Term newborn infants (0 - 27 days)	8377	8123
Infants and toddlers (28 days - 23 months)	46237	45780
Children (2 to < 12 years)	146069	145646
Adolescents (12 to < 18 years)	77991	77747
Adults (18 to < 46 years)	729561	725590
Adults (46 to < 65 years)	398653	382816
Elderly (\geq 65 years)	365898	299864
Adults (65 to < 75 years)	158955	141840
Adults (75 to < 85 years)	125207	100148
Adults (85 years and over)	81736	57876

Median observation time

Median time (years) between first and last available records for unique individuals captured in the data source

41.00

Median time (years) between first and last available records for unique active individuals (alive and currently registered) capt

39.00

Data flows and management

Access and validation

Biospecimen access

Are biospecimens available in the data source (e.g., tissue samples)?

Yes

Biospecimen access conditions

Under approval of ethical committee and patient consent

Access to subject details

Can individual patients/practitioners/practices included in the data source be contacted?

No

Description of data collection

Healthcare system

Event triggering registration

Event triggering registration of a person in the data source

Other

Event triggering registration of a person in the data source, other

Any patient who is treated in the hospital

Event triggering de-registration of a person in the data source

Death

Event triggering creation of a record in the data source

Emergencies, Hospitalization, Hospital outpatient care, tests

Data source linkage

Linkage

Is the data source described created by the linkage of other data sources (prelinked data source) and/or can the data source be linked to other data source on an ad-hoc basis?

No

Data management specifications that apply for the data source

Informed consent for use of data for research

Other

Possibility of data validation

Can validity of the data in the data source be verified (e.g., access to original medical charts)?

Yes

Data source preservation

Are records preserved in the data source indefinitely?

Yes

Approval for publication

Is an approval needed for publishing the results of a study using the data source?

Yes

Informed consent, other

Depends on ethics committee approval

Data source last refresh

28/04/2023

Common Data Model (CDM) mapping

CDM mapping

Has the data source been converted (ETL-ed) to a common data model?

Yes

CDM Mappings**CDM name**

OMOP

CDM website

<https://www.ohdsi.org/Data-standardization/>

Data source ETL CDM version

5.3

Data source ETL frequency

0,25 months

Data source ETL status

Completed