US Open Claims

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Data source | Human | Administrative healthcare records (e.g., claims)

Administrative details

Administrative details

Data source ID

1111132

Data source acronym

DxHx

Data holder

IQVIA

Data source type

Administrative healthcare records (e.g., claims)

Main financial support

Funding by own institution

Funding from industry or contract research

Care setting

Hospital inpatient care

Hospital outpatient care

Primary care – GP, community pharmacist level

Primary care – specialist level (e.g. paediatricians)

Secondary care – specialist level (ambulatory)

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

Data source website

https://www.iqvia.com/solutions/real-world-evidence/real-world-data-and-insights

Contact details

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Main

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Data source regions and languages

Data source countries

United States

Data source languages

English

Data source establishment

Data source established

15/06/2000

Data source time span

First collection: 01/01/2001

The date when data started to be collected or extracted.

Publications

Data source publications

Rates of Antipsychotic Drug Prescribing Among People Living With Dementia During the COVID-19 Pandemic. AMA Psychiatry. 2023 Mar 1;80(3):211-219.

Unraveling COVID-19: A Large-Scale Characterization of 4.5 Million COVID-19 Cases Using CHARYBDIS. Clin Epidemiol

International cohort study indicates no association between alpha1 blockers and susceptibility to COVID19 in benign prostatic hyperplasia patients. Front. Pharmacol. 13:945592

Studies

List of studies that have been conducted using the data source

Hydroxychloroquine safety and potential efficacy as an antiviral prophylaxis in light of potential wide-spread use in COVID-19: a multinational, large-scale network cohort and self-controlled case series study

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.

No

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.

No

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

Not Captured

Prescriptions of medicines

Captured

Dispensing of medicines

Captured

Dispensing vocabulary

RxNorm

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?

Yes

Indication for use

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

Not Captured

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

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?

No

Genetic data

Are data related to genotyping, genome sequencing available?

Not 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?

No

Patient-generated data

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

No

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.

Yes

Unique identifier for persons

Are patients uniquely identified in the data source?

Yes

Diagnostic codes

Captured

Diagnosis / medical event vocabulary

SNOMED

Medicinal product information

Captured

Medicinal product information collected

Active ingredient(s)

Brand name

Route of administration

Strength

Medicinal product vocabulary

Other

RxNorm

If 'other,' what vocabulary is used?

CVX

Quality of life measurements

Not Captured

Lifestyle factors

Not Captured

Sociodemographic information

Captured

Sociodemographic information collected

Gender

Quantitative descriptors

Population Qualitative Data

Population age groups

Paediatric Population (< 18 years)

Children (2 to < 12 years)

Adolescents (12 to < 18 years)

Adults (18 to < 46 years)

Adults (46 to < 65 years)

Elderly (≥ 65 years)

Adults (65 to < 75 years)

Adults (75 to < 85 years)

Adults (85 years and over)

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)

Insured population

Population

Population size

829.894.536

Active population size

336.660.267

Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	175.637.939	64.329.553
Children (2 to < 12 years)	91.395.957	35.627.829
Adolescents (12 to < 18 years)	55.289.858	22.627.045
Adults (18 to < 46 years)	311.139.642	116.951.583
Adults (46 to < 65 years)	178.644.675	81.936.192
Elderly (≥ 65 years)	164.472.280	73.442.939
Adults (65 to < 75 years)	93.752.040	40.355.590
Adults (75 to < 85 years)	60.599.786	23.204.192
Adults (85 years and over)	10.120.454	9.883.157

Median observation time

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

1.282,00

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

3.673,00

Data flows and management

Access and validation

Governance details

Documents or webpages that describe the overall governance of the data source and processes and procedures for data capture and management, data quality check and validation results (governing data access or utilisation for research purposes).

https://www.pharmacoepi.org/resources/policies/guidelines-08027/

Biospecimen access

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

No

Access to subject details

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

No

Event triggering registration

Event triggering registration of a person in the data source

Insurance coverage start

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

Death

Emigration

Insurance coverage end

Loss to follow up

Event triggering creation of a record in the data source

Reinbursment purpose

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?

Yes

Data management specifications that apply for the data source

Informed consent for use of data for research

Not Required

Possibility of data validation

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

No

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?

No

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

5.3.1

Data source ETL frequency

4,00 months

Data source ETL status

Completed