HTI – Hospital Treatment Insights

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Data source | Outdated | Human

Administrative healthcare records (e.g., claims) | Hospital discharge records | Hospital inpatient records | Hospital outpatient visit records | Pharmacy dispensing records

Administrative details

Administrative details

Data source ID

4824

Data source acronym

HTI

Data holder

IQVIA

Data source type

Administrative healthcare records (e.g., claims)

Hospital discharge records

Hospital inpatient records

Hospital outpatient visit records

Pharmacy dispensing records

Main financial support

Funding by own institution

Funding from industry or contract research

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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Data source regions and languages

Data source countries

United Kingdom

Data source languages

English

Data source regions

England

Data source establishment

Data source established

01/01/2010

Data source time span

First collection: 01/01/2010

The date when data started to be collected or extracted.

Studies

List of studies that have been conducted using the data source

Drug Utilization Study of ZALTRAP® (aflibercept) Using European Databases (Zaltrap Utilization Study)

A Joint Drug Utilisation Study (DUS) of valproate and related substances, in Europe, using databases

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

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

Captured

Cause of death vocabulary

ICD-10

Prescriptions of medicines

Captured

Prescriptions vocabulary

ATC

EphMRA

Dispensing of medicines

Captured

Dispensing vocabulary

ATC

EphMRA

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)].

Yes

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

ICD-10

Medical devices

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

Yes

Administration of vaccines

No

Procedures

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

Captured

Procedures vocabulary

OPCS

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

ICD-10

Medicinal product information

Captured

Medicinal product information collected

Brand name

Formulation

Package size

Route of administration

Strength

Medicinal product vocabulary

Other

If 'other,' what vocabulary is used?

ATC, EPhMRA

Quality of life measurements

Not Captured

Lifestyle factors

Not Captured

Sociodemographic information

Captured

Sociodemographic information collected

Age

Ethnicity

Sex

Socioeconomic status

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 (≥ 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

28% hospital beds coverage in 43 NHS Trusts

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)

General population

Population

Population size

9.000.000

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.iqvia.com/locations/united-kingdom/information-for-members-of-the-public/hospital-treatment-insights-service

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

Description of data collection

Data holder is: IQVIA and NHS Digital. Data is linked at patient level between IQVIA Hospital Pharmacy Audit (all products dispensed from the hospital pharmacy to a named patient) to NHS Hospital Episode Statistics (patient episode information) for England. Linkage is carried out by NHS Digital and returned to IQVIA with pseudonymized identifiers.

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

Receiving a dispensed drug from a participating hospital or attendance at a relevant hospital

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

Death

End of treatment

Event triggering creation of a record in the data source

Submission of dispensing data from a participating hospital pharmacy

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

Linkage description, pre-linked

It is a combined asset (between HPA and HES at patient level)

Linked data sources

Pre linked

Is the data source described created by the linkage of other data sources?

Yes

Data source, other

Hospital episode statistics (HES)

Linkage strategy

Combination

Pre linked

Is the data source described created by the linkage of other data sources?

Yes

Data source, other

Prescriptions dispensed (HPA)

Linkage strategy

Combination

Data management specifications that apply for the data source

Data source refresh

Quarterly

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?

No