Tzafon Governmental Medical Center, part of Nationwide network (Kineret)

First published: 01/02/2024

Last updated: 11/04/2025

Data source | Human | Emergency care discharge records | Hospital inpatient records | Hospital outpatient visit records | Other

Administrative details

Administrative details

PURI

https://redirect.ema.europa.eu/resource/1111158

Data source ID

1111158

Data source acronym

PKHDL

Data holder

Kineret - Israel Governmental Hospital Research Network

Data source type

Emergency care discharge records

Hospital inpatient records

Hospital outpatient visit records

Other

Data source type, other

The source include all treatment information: Diagnosis, procedures, drugs, lab test, CT, MRI, monitoring etc.

Main financial support

Funding from industry or contract research

National, regional, or municipal public funding

Care setting

Hospital inpatient care

Hospital outpatient care

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.

Yes

Description of the qualification

IQVIA verification, EHDEN and Headcloud as the SME nominate by EHDEN

Data source website

Kineret - Israel data lake

Contact details

Guy Livne

Main

guy.livne@moh.gov.il

Hadas Eshel-Geva

Alternate

hadas.eshel-geva@moh.gov.il

Data source regions and languages

Data source countries

Israel

Data source languages

English

Data source establishment

Data source established

15/06/2022

Data source time span

First collection: 15/06/2005

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 (other)

Post COVID effect, other infectious diseases and basically all that result in hospital admission or ER visit

---

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

Cause of death vocabulary, other

OHDSI standard

Prescriptions of medicines

Captured

Prescriptions vocabulary

other

Prescriptions vocabulary, other

OHDSI standard

Dispensing of medicines

Captured

Dispensing vocabulary

other

Dispensing vocabulary, other

OHDSI standard

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

Indication vocabulary, other

OHDSI standard

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

Other

Procedures vocabulary, other

OHDSI standard

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.

No

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

Genetic data vocabulary

Other

Genetic data vocabulary, other

OHDSI standard

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.

Captured

Biomarker data vocabulary

Other

Biomarker vocabulary, other

OHDSI standard

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?

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

Other

Diagnosis / medical event vocabulary, other

OHDSI standard

Medicinal product information

Captured

Medicinal product information collected

Active ingredient(s)

Brand name

Dose

Package size

Route of administration

Medicinal product vocabulary

Other

If 'other,' what vocabulary is used?

OHDSI standard

Quality of life measurements

Captured

Quality of life measurements vocabulary

other

Quality of life measurements, other

OHDSI standard

Lifestyle factors

Captured

Lifestyle factors

Alcohol use

Diet

Tobacco use

Sociodemographic information

Captured

Sociodemographic information collected

Age

Gender

Living in rural area

Marital 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

80%

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 medical center catchment area is partially overlap by additional governmental medical center, the medical center is a Governmental medical center that serves all area populations.

Family linkage

Family linkage available in the data source permanently or can be created on an ad hoc basis

Ad hoc

Population

Population size

632508

Active population size

137979

Population by age group

Age group	Population size	Active population size
Paediatric Population (< 18 years)	229436	33416
Preterm newborn infants (0 – 27 days)	2029	173
Term newborn infants (0 – 27 days)	68164	4101
Infants and toddlers (28 days – 23 months)	61817	5631
Children (2 to < 12 years)	130631	18199
Adolescents (12 to < 18 years)	80460	8532
Adults (18 to < 46 years)	301478	53448
Adults (46 to < 65 years)	126098	28911
Elderly (≥ 65 years)	77284	22955
Adults (65 to < 75 years)	54035	13792
Adults (75 to < 85 years)	31023	7154
Adults (85 years and over)	11509	2437

Data flows and management

Access and validation

Biospecimen access

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

Yes

Biospecimen access conditions

The Biospecimens are stored in the Medical center lab, access required an IRB approval.

Access to subject details

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

Yes

Description of data collection

All data is collecting during the patient treatment at the hospital, one can divide the data into 3 main types: Emergency room, admission and outpatient clinics.

Event triggering registration

Event triggering registration of a person in the data source

Start of treatment

Event triggering creation of a record in the data source

The trigger for creating a data is record a patient in the Hospital EHR this can be due to inpatient admission, emergency admission of outpatient visit.

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

We perform the same anonymization and unify ID process for the images and it's related metadata from the NON EHR systems, completing this process, the linkage to the OMOP data is by the same person ID

Linked data sources

Pre linked

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

Yes

Data source, other

The OMOP data gathering information form the main EHR system, for a study require additional information from NON EHR systems, we combines all information need in the same study data-set.
At the hospital three are additional systems like: PACS that contain many different type of imaging, intracoronary pressure measurement system, In vitro fertilization (IVF) system and more.

Linkage variable

The linkage variable between the OMOP data and other NON OMOP data is the network unique person_id.

Linkage completeness

The linkage result in a full patient information attached to each NON OMOP information, like images or intravascular pressure test.

Data management specifications that apply for the data source

Data source refresh

Quarterly

Informed consent for use of data for research

Required for all studies

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

Data source last refresh

31/03/2023

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

3,00 months

Data source ETL status

Completed