

E-health medical database

First published: 01/02/2024

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Data source

Human

Primary care medical records

Administrative details

Administrative details

Data source ID

1111219

Data source acronym

EMD

Data holder

[Polyclinic Bulgaria](#)

Data source type

Primary care medical records

Main financial support

European public funding

Funding by own institution

Care setting

Primary care – GP, community pharmacist level

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

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://consento.bg/>

Contact details

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Data source regions and languages

Data source countries

Bulgaria

Data source languages

Bulgarian

Data source regions

Blagoevgrad

Burgas

Dobrich

Gabrovo

Haskovo

Kardzhali

Kyustendil

Lovech

Montana

Pazardzhik

Pernik

Pleven

Plovdiv

Razgrad

Ruse

Shumen

Silistra

Sliven

Smolyan

Sofia

Sofia (stolitsa)

Stara Zagora

Targovishte

Varna

Veliko Tarnovo

Vidin

Vratsa

Yambol

Data source establishment

Data source established

15/06/2016

Data source time span

First collection: 01/09/2016

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

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

No

ICU admission

Is information on intensive care unit admission available?

Yes

Cause of death

Not Captured

Prescriptions of medicines

Captured

Prescriptions vocabulary

ATC

Dispensing of medicines

Captured

Dispensing vocabulary

ATC

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

ICD-10

Medical devices

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

No

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

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?

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?

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

SNOMED

Medicinal product information

Captured

Medicinal product information collected

Brand name

Dose

Formulation

Route of administration

Strength

Medicinal product vocabulary

ATC

Quality of life measurements

Not Captured

Lifestyle factors

Captured

Lifestyle factors

Alcohol use

Diet

Frequency of exercise

Other

Tobacco use

Sociodemographic information

Captured

Sociodemographic information collected

Age

Country of origin

Gender

Living in rural area

Type of residency

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

10% for Sofia region, below 1% for other regions

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, registered for both NHIF care and private care

Family linkage

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

Permanently

Family linkage available between the following persons

Father-child

Mother-child

Sibling

Population

Population size

230000

Active population size

186896

Population by age group

Age group	Population size
Paediatric Population (< 18 years)	57158
Term newborn infants (0 – 27 days)	159
Infants and toddlers (28 days – 23 months)	403
Children (2 to < 12 years)	45050
Adolescents (12 to < 18 years)	11546
Adults (18 to < 46 years)	81767
Adults (46 to < 65 years)	33225
Elderly (\geq 65 years)	16516
Adults (65 to < 75 years)	9728
Adults (75 to < 85 years)	5018
Adults (85 years and over)	1770

Median observation time

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

7.00

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

7.00

Data flows and management

Access and validation

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?

Yes

Description of data collection

Self assessment surveys, medical examinations,

Event triggering registration

Event triggering registration of a person in the data source

Disease diagnosis

Insurance coverage start

Practice registration

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

Insurance coverage end

Practice deregistration

Event triggering creation of a record in the data source

primary care practitioner encounter

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

Data source refresh

Monthly

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)?

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?

No

Data source last refresh

30/10/2023

Common Data Model (CDM) mapping

CDM mapping

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

No