

Prehospital dyspnoea

SND-ID: 2023-94-1.

Associated documentation

Dataformulär (Dyspné).pdf (228.17 KB)

Citation

Kauppi, W Prehospital dyspnoea [Data set]. University of Borås. Retrieved from urn:nbn:se:hb:diva-30670

Creator/Principal investigator(s)

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Research principal

[University of Borås](#) - PreHospiten, Centre for prehospital research

Description

Observational study, which was based on retrospective journal review. The samples consisted of all ambulance missions (n=7260) that were classified as ESS 04 (dyspnoea as the main symptom) by ambulance clinicians during the year 2017 in two areas in southwestern Sweden, which included 16 ambulance stations. After a manual review of ambulance records and hospital records, 908 patients were excluded (reason: age < 16 years, missing social security number, ambulance transports to hospitals outside included areas, duplicate ambulance records, insufficient documentation, incorrect ESS code and secondary transports). This meant that 6354 patients were finally included.

Data contains personal data

Yes

Sensitive personal data

Yes

Type of personal data

Information on health status, personal identity number, ambulance mission id

Language

[Swedish](#)

Unit of analysis

[Individual/Patient](#)

Population

Patients with dyspnoea as the main symptom within ambulance care.

Study design

Observational study

Cohort study: Retrospective

Description of study design

Retrospective observational study

Sampling procedure

Total universe/Complete enumeration

Journal review of ambulance and hospital records. A total of 7,260 ambulance missions, of which 6,354 met the inclusion and exclusion criteria, including those assessed to have breathing difficulties as the main symptom by ambulance personnel and all primary ambulance missions between January 1 and December 31, 2017.

Criteria in detail:

1) a primary mission in which a patient (or e.g. a family member that represents the patient) calls the dispatch centre, an ambulance is dispatched and 2) the assignment of an ESS code of 04 (dyspnoea) is made by the PEN.

The exclusion criteria were as follows:

1) lack of a personal identity number, 2) transportation to hospitals outside the research area, 3) age < 16 years, 4) duplicate EMS records, 5) missing record or lack of information, 6) incorrect triage (ESS), and 7) secondary transport use.

Time period(s) investigated

2017-01-01 - 2017-12-31

Variables

85

Number of individuals/objects

7260

Data format / data structure

Numeric

Text

Data collection 1

- Mode of collection: Observation
- Description of the mode of collection: Observation of medical patient journals
- Time period(s) for data collection: 2017-01-01 - 2017-12-31
- Data collector: University of Borås
- Instrument: Observation guide form for data entry (Data collection guidelines: Observation guide)
- Sample size: 7260
- Source of the data: Registers/Records/Accounts

Geographic spread

Geographic location: Sweden

Responsible department/unit

PreHospen, Centre for prehospital research

Ethics Review

Gothenburg - Ref. 989-17

Research area

[Other clinical medicine](#) (Standard för svensk indelning av forskningsämnen 2011)

[Signs and symptoms; pathological conditions](#) (CESSDA Topic Classification)

Keywords

[Dyspnea](#), [Ambulance services](#), [Ambulances](#), [Emergency medical services](#), [Dyspnoea](#), [Prehospital emergency care](#), [Prehospital](#), [Dyspnoea](#), [Breathing difficulties](#), [Ambulance](#)

Publications

Kauppi, W., Herlitz, J., Magnusson, C., Palmér, L., & Axelsson, C. (2020). Characteristics and outcomes of patients with dyspnoea as the main symptom, assessed by prehospital emergency nurses - a retrospective observational study. In BMC Emergency Medicine (Vol. 20, Issue 1, 67).

DOI: <https://doi.org/10.1186/s12873-020-00363-6>

URN: <urn:nbn:se:hb:diva-23808>

SwePub: <oai:gup.ub.gu.se/297058>

Kauppi, W., Herlitz, J., Thomas, K., Magnusson, C., Palmér, L., & Axelsson, C. (2020). Pre-hospital predictors of an adverse outcome among patients with dyspnoea as the main symptom assessed by prehospital emergency nurses - a retrospective observational study. In BMC Emergency Medicine (Vol. 20, Issue 1, 89).

DOI: <https://doi.org/10.1186/s12873-020-00384-1>

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Kauppi, W. (2022). Kampen mot det okontrollerbara vid existensens gräns : Patienten med andnöd i behov av ambulanssjukvård. (Skrifter från Högskolan i Borås, 127). Borås, Högskolan i Borås.

ISBN: 9789189271609

URN: <urn:nbn:se:hb:diva-27589>

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Accessibility level

Access to data through an external actor

Access to data is restricted

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Contact for questions about the data

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