The RECORD statement – checklist of items, extended from the STROBE statement, that should be reported in observational studies using routinely collected health data.

	Item No.	STROBE items	Location in manuscript where items are reported	RECORD items	Location in manuscript where items are reported
Title and abstra	act				
	1	(a) Indicate the study's design with a commonly used term in the title or the abstract (b) Provide in the abstract an informative and balanced summary of what was done and what was found		 RECORD 1.1: The type of data used should be specified in the title or abstract. When possible, the name of the databases used should be included. RECORD 1.2: If applicable, the geographic region and timeframe within which the study took place should be reported in the title or abstract. RECORD 1.3: If linkage between databases was conducted for the study, this should be clearly stated in the title or abstract. 	Title, abstract and material and methods (1 st paragraph)
Introduction			-		
Background rationale	2	Explain the scientific background and rationale for the investigation being reported			Introduction, paragraph 1-3
Objectives	3	State specific objectives, including any prespecified hypotheses			Introduction paragraph 4
Methods					
Study Design	4	Present key elements of study design early in the paper			Title, abstract, Material and Methods 1 st paragraph
Setting	5	Describe the setting, locations, and relevant dates, including			Material and Methods 1 st paragraph

		periods of recruitment, exposure,		
Participants	6	follow-up, and data collection(a) Cohort study - Give theeligibility criteria, and thesources and methods of selectionof participants. Describemethods of follow-upCase-control study - Give the	RECORD 6.1: The methods of study population selection (such as codes or algorithms used to identify subjects) should be listed in detail. If this is not possible, an explanation should be provided.	Material and Methods 2 nd paragraph (Data collection) includes ICD-10 codes for
		 eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls <i>Cross-sectional study</i> - Give the eligibility criteria, and the sources and methods of selection of participants (b) Cohort study - For matched studies, give matching criteria and number of exposed and unexposed <i>Case-control study</i> - For matched studies, give matching 	RECORD 6.2: Any validation studies of the codes or algorithms used to select the population should be referenced. If validation was conducted for this study and not published elsewhere, detailed methods and results should be provided. RECORD 6.3: If the study involved linkage of databases, consider use of a flow diagram or other graphical display to demonstrate the data linkage process, including the number of individuals with linked data at each stage.	population selection. Linkage between registries described 1 st paragraph of Material and Methods. No flow diagram attached.
Variables	7	criteria and the number of controls per case	DECORD 7.1: A complete list of order	All variables
v arradies		Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable.	RECORD 7.1: A complete list of codes and algorithms used to classify exposures, outcomes, confounders, and effect modifiers should be provided. If these cannot be reported, an explanation should be provided.	(ICD-10 codes or SKS-codes) listed in Supplemental Appendix A.
Data sources/ measurement	8	For each variable of interest, give sources of data and details of methods of assessment (measurement).		Material and Methods, paragraph 2+3

		Describe comparability of assessment methods if there is more than one group		
Bias	9	Describe any efforts to address potential sources of bias		Material and Methods (last paragraph including statistical analysis). Moreover, potential biases which were not included are addressed in "limitations" section of the discussion.
Study size	10	Explain how the study size was arrived at		-
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen, and why		Material and Methods (statistical analysis)
Statistical methods	12	 (a) Describe all statistical methods, including those used to control for confounding (b) Describe any methods used to examine subgroups and interactions (c) Explain how missing data were addressed (d) <i>Cohort study</i> - If applicable, explain how loss to follow-up was addressed <i>Case-control study</i> - If applicable, explain how 		Material and Methods (statistical analysis)

		matching of cases and controls was addressed <i>Cross-sectional study</i> - If applicable, describe analytical methods taking account of sampling strategy (e) Describe any sensitivity analyses		
Data access and cleaning methods			RECORD 12.1: Authors should describe the extent to which the investigators had access to the database population used to create the study population. RECORD 12.2: Authors should provide information on the data cleaning methods used in the study.	Material and Methods + information on how to retrieve data from DNPR included in "Data Sharing" section.
Linkage			RECORD 12.3: State whether the study included person-level, institutional-level, or other data linkage across two or more databases. The methods of linkage and methods of linkage quality evaluation should be provided.	Material and Methods 1 st paragraph (Person-level)
Results	Γ		1	
Participants	13	 (a) Report the numbers of individuals at each stage of the study (<i>e.g.</i>, numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed) (b) Give reasons for non- participation at each stage. (c) Consider use of a flow diagram 	RECORD 13.1: Describe in detail the selection of the persons included in the study (<i>i.e.</i> , study population selection) including filtering based on data quality, data availability and linkage. The selection of included persons can be described in the text and/or by means of the study flow diagram.	Material and Methods (Data Collection).

Descriptive data	14	 (a) Give characteristics of study participants (<i>e.g.</i>, demographic, clinical, social) and information on exposures and potential confounders (b) Indicate the number of participants with missing data for each variable of interest (c) <i>Cohort study</i> - summarise follow-up time (<i>e.g.</i>, average and 		Results 1 st paragraph + Table 1
Outcome data	15	total amount)Cohort study - Report numbers of outcome events or summary measures over time Case-control study - Report numbers in each exposure category, or summary measures of exposure 		Results section, Table 1+2
Main results	16	numbers of outcome events or summary measures(a) Give unadjusted estimates and, if applicable, confounder- adjusted estimates and their 		Results + subsection "Mortality" including adjusted estimates + Table 4.
Other analyses	17	 categorized (c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period Report other analyses done— e.g., analyses of subgroups and 		-

		interactions, and sensitivity		
		analyses		
Discussion	•			-
Key results	18	Summarise key results with reference to study objectives		Discussion 1^{st} + 2^{nd} paragraph.
Limitations	19	Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	RECORD 19.1: Discuss the implications of using data that were not created or collected to answer the specific research question(s). Include discussion of misclassification bias, unmeasured confounding, missing data, and changing eligibility over time, as they pertain to the study being reported.	Discussion paragraph 8 "limitations"
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence		Discussion, entire section.
Generalisability	21	Discuss the generalisability (external validity) of the study results		Discussion paragraph 8.
Other Informatio	on			
Funding	22	Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based		Subsection "Funding Sources"
Accessibility of protocol, raw data, and programming code			RECORD 22.1: Authors should provide information on how to access any supplemental information such as the study protocol, raw data, or programming code.	Supplemantal information (including ICD- 10 + SKS-codes in Supplemental Appendix). How to ascesses DNPR

		in "Data
		Sharing".

*Reference: Benchimol EI, Smeeth L, Guttmann A, Harron K, Moher D, Petersen I, Sørensen HT, von Elm E, Langan SM, the RECORD Working Committee. The REporting of studies Conducted using Observational Routinely-collected health Data (RECORD) Statement. *PLoS Medicine* 2015; in press.

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