STROBE Statement—checklist of items that should be included in reports of observational studies

Section/item	No.	Recommendation	Reported on Page Number/Line	Reported on Section/Paragraph
Title and abstrac	t 1	(a) Indicate the study's design with a commonly used term in the title or the abstract	Number	Section/Paragraph
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	Page 1 / line 7-10	Abstract / Para 2
Introduction		of that has done and what was found	Paga / lina 11-17	Abstract Para3
Background/ rationale	2	Explain the scientific background and rationale for the investigation being reported	Page 2 Idina 6-27	2.1.4.4.4.12
Objectives	3	State specific objectives, including any prespecified hypotheses	Page3/line 1-7	Introduction/Paraz, 3
Methods			Page3 line 8-10	Introduction / Paray
Study design	4	Present key elements of study design early in the paper	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	,
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Pages line 12-15	Patients and methods Para
Participants	6	(a) Cohort study—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up	Pages Line 12-15	Patients and methods Paral
		Case-control study – Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls	Page3 Line 12-19	Parients and mathods)
		Cross-sectional study—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 Case-control study—For matched studies, give matching criteria and the number of controls per case		Paral, 2
ariables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	NA Page 11/2 and 2	NA
ata sources/ easurement	8*	For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group	tage4 linez-B	Pations and mothods Paya 4, 5
as	9	Describe any efforts to address potential sources of bias		Patients and methods/ Para?
idy size		Explain how the study size was arrived at	Pages line w	Patients and methods / Para 3
antitative ables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	Pages line 16-19	
			Yagas Ling va	Patient and methods Paras

Statistical methods	1			
		(b) Describe any methods used to examine subgroups and interactions	Pongas/ lina 1-3	Patients and methods/
		(c) Explain how missing data were addressed	Page 3/ line 11-19	Policats and methods
		(d) Cohort study—If applicable, explain how loss to follow-up was addressed Case-control study—If applicable, explain how matching of cases and controls was addressed Cross-sectional study—If applicable, describe analytical methods taking account of sampling strategy	NA NA	NA
		(e) Describe any sensitivity analyses	0	0
Results			Pages line 1-2	Patients and meshods
Participants	13*	(a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed	Dagar I ling b	Davide David
		(b) Give reasons for non-participation at each stage	Para S I II a A	Rechas Pava
		(c) Consider use of a flow diagram	rage > line 3-4	Kesurs Pola
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	Paget line 4-7	Darular Dava
		(b) Indicate number of participants with missing data for each variable of interest	Dago S AXA Line 7. A	ROLLIKY Para
		(c) Cohort study—Summarise follow-up time (eg, average and total amount)	Daga Kling 7-4	ROSANS FAMA
Outcome data	15*	Cohort study—Report numbers of outcome events or summary measures over time	Dogo T I line 1 A	ROSHULLI PAYAL
		Case-control study — Report numbers in each exposure category, or summary measures of exposure	NA NA	NA
		Cross-sectional study—Report numbers of outcome events or summary measures	NA	NA
lain results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included	NA	NA
		(b) Report category boundaries when continuous variables were categorized	Pago 7 1 ling 2-2	Prouler Para S
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	NA	NA
ner analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	Page 7 / Line 9-17	Rosulta I Pava b
cussion			1	
results	18	Summarise key results with reference to study objectives	Page 10 line 4-1	2 Discussion Page]
tations		Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias	Page 9 Line>>	Discussion Para b
		3-2	Doggod Line	

Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Pago 7 / line 9->> Dage 3 · Page 9 / Line 1->	Discussion Para 1,2,3.4,
Generalisability	21	Discuss the generalisability (external validity) of the study results		Discussion Parm 4
Other information			1000	CANADA ALL INVE
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	NA	MA

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.