

Online Resource 1. RECORD/STROBE reporting checklist

STROBE

1a. Indicate the study design in the title or abstract

Location: Title; Abstract-Purpose

Status: Addressed

1b. Provide an informative and balanced summary of what was done and found

Location: Abstract

Status: Addressed

2. Explain the scientific background and rationale

Location: Introduction

Status: Addressed

3. State specific objectives, including prespecified hypotheses

Location: Introduction, final paragraph

Status: Addressed

4. Present key elements of study design early in the paper

Location: Methods-Design and data sources

Status: Addressed

5. Describe the setting, locations and relevant dates

Location: Methods-Design and data sources

Status: Addressed

6a. Give eligibility criteria and sources/methods of participant selection

Location: Methods-Design and data sources

Status: Addressed

Notes: Aggregate public pathways, not individual participants

6b. For matched studies, give matching criteria and number exposed/unexposed

Location: Not applicable

Status: Not applicable

Notes: No matching was performed

6c. For cohort studies, describe follow-up; for case-control/cross-sectional give selection details

Location: Methods-Design and data sources

Status: Addressed

Notes: Monthly aggregate time series

7. Define all outcomes, exposures, predictors, confounders and effect modifiers

Location: Methods-Outcomes

Status: Addressed

8. For each variable, give sources of data and details of assessment

Location: Methods-Design and data sources; Methods-Outcomes

Status: Addressed

9. Describe efforts to address potential sources of bias

Location: Methods-Statistical analysis; Discussion-Limitations

Status: Addressed

10. Explain how the study size was arrived at

Location: Methods-Design and data sources

Status: Addressed

Notes: All available post-reset monthly public workbooks from April 2024 to February 2026 were used

11. Explain how quantitative variables were handled

Location: Methods-Outcomes; Methods-Statistical analysis

Status: Addressed

12a. Describe all statistical methods, including those used to control for confounding

Location: Methods-Statistical analysis

Status: Addressed

Notes: No confounding control possible in aggregate ecological data

12b. Describe methods used to examine subgroups and interactions

Location: Methods-Statistical analysis

Status: Addressed

Notes: Specialty rankings were descriptive; no interaction model was fitted

12c. Explain how missing data were addressed

Location: Methods-Design and data sources; Discussion-Limitations

Status: Addressed

12d. For cohort/case-control/cross-sectional studies, explain design-specific methods

Location: Methods-Statistical analysis

Status: Addressed

12e. Describe any sensitivity analyses

Location: Methods-Statistical analysis; Online Resource 5

Status: Addressed

13a. Report numbers of individuals at each stage of the study

Location: Results; Table 1; Table 2

Status: Addressed

Notes: Counts are pathways, not persons

13b. Give reasons for non-participation at each stage

Location: Not applicable

Status: Not applicable

Notes: No individual recruitment

13c. Consider use of a flow diagram

Location: Not applicable

Status: Not applicable

Notes: Public aggregate census of monthly workbooks; no screening flow

14a. Give characteristics of study participants and exposures/confounders

Location: Results; Tables 1 and 2

Status: Addressed

Notes: Pathway characteristics available only as treatment function and waiting-age bins

14b. Indicate number with missing data for each variable

Location: Methods; Discussion-Limitations

Status: Addressed

Notes: February 2026 missing acute trust noted; no variable-level missingness in analysed workbooks

14c. Summarise follow-up time

Location: Results; Table 1

Status: Addressed

Notes: 23 monthly observations

15. Report outcome event numbers or summary measures

Location: Results; Tables 1 and 2; Figures 1-3

Status: Addressed

16a. Give unadjusted and, if applicable, confounder-adjusted estimates and precision

Location: Results

Status: Addressed

Notes: Aggregate unadjusted estimates with uncertainty intervals

16b. Report category boundaries when continuous variables are categorised

Location: Methods-Outcomes; Figure 2

Status: Addressed

16c. Translate relative risk into absolute risk when relevant

Location: Results; Discussion

Status: Addressed

Notes: Absolute pathway counts and shares presented

17. Report other analyses such as subgroups and sensitivity analyses

Location: Results; Online Resource 5

Status: Addressed

18. Summarise key results with reference to study objectives

Location: Discussion, first paragraph

Status: Addressed

19. Discuss limitations, including direction and magnitude of potential bias

Location: Discussion-Limitations

Status: Addressed

20. Give a cautious overall interpretation of results

Location: Discussion; Conclusions

Status: Addressed

21. Discuss generalisability

Location: Discussion-Future directions

Status: Addressed

22. Give source of funding and role of funders

Location: Declarations-Funding

Status: Addressed

RECORD

1.1. Title or abstract should mention routinely collected data

Location: Title; Abstract

Status: Addressed

1.2. Abstract should mention geographic region, timeframe and database names

Location: Abstract-Methods

Status: Addressed

1.3. If linkage was performed, state linked data sources in abstract

Location: Not applicable

Status: Not applicable

Notes: No data linkage

6.1. Methods should describe extent to which database population captures the population of interest

Location: Methods-Design and data sources; Discussion-Limitations

Status: Addressed

6.2. Clearly describe any personal-identifying linkage methods

Location: Not applicable

Status: Not applicable

Notes: No personal identifiers and no linkage

6.3. Describe approach to cleaning the databases

Location: Methods-Statistical analysis; Online Resource 3

Status: Addressed

7.1. Provide complete list of codes/algorithms used to classify exposures/outcomes/confounders

Location: Methods-Outcomes; Online Resource 3

Status: Addressed

Notes: Treatment function C_101 and workbook column names stated; scripts supplied

12.1. Describe linkage methods when applicable

Location: Not applicable

Status: Not applicable

Notes: No linkage

12.2. Describe validation or linkage quality evaluation

Location: Not applicable

Status: Not applicable

Notes: No linkage; workbook integrity checks described

13.1. Describe in detail selection of persons included/excluded

Location: Methods-Design and data sources

Status: Addressed

Notes: All national urology treatment-function rows were included

13.2. Report number of individuals with linked data when applicable

Location: Not applicable

Status: Not applicable

Notes: No linkage

13.3. Describe extent to which selected population is representative

Location: Discussion-Limitations

Status: Addressed

19.1. Discuss implications of using data not created for research

Location: Discussion-Limitations

Status: Addressed

22.1. Provide information on data, code and protocols to enable replication

Location: Data and code availability; Online Resources 2-4

Status: Addressed

SAGER

SAGER-aggregate. State whether sex/gender analysis was possible

Location: Methods; Discussion-Limitations

Status: Addressed

Notes: Public aggregate RTT treatment-function workbooks do not provide sex or gender stratification