

Standards for Reporting Qualitative Research (SRQR)*

<http://www.equator-network.org/reporting-guidelines/srqr/>

Page/line no(s).

Title and abstract

| | |
|---|-------------|
| Title - Concise description of the nature and topic of the study Identifying the study as qualitative or indicating the approach (e.g., ethnography, grounded theory) or data collection methods (e.g., interview, focus group) is recommended | Title |
| Abstract - Summary of key elements of the study using the abstract format of the intended publication; typically includes background, purpose, methods, results, and conclusions | Lines 25-38 |

Introduction

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| Problem formulation - Description and significance of the problem/phenomenon studied; review of relevant theory and empirical work; problem statement | Lines 26-31 |
| Purpose or research question - Purpose of the study and specific objectives or questions | Lines 36-38, 74-81 |

Methods

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| Qualitative approach and research paradigm - Qualitative approach (e.g., ethnography, grounded theory, case study, phenomenology, narrative research) and guiding theory if appropriate; identifying the research paradigm (e.g., postpositivist, constructivist/ interpretivist) is also recommended; rationale** | Title Lines 79-81 |
| Researcher characteristics and reflexivity - Researchers' characteristics that may influence the research, including personal attributes, qualifications/experience, relationship with participants, assumptions, and/or presuppositions; potential or actual interaction between researchers' characteristics and the research questions, approach, methods, results, and/or transferability | All authors have expertise in clinical and/or basic research on the topic of this article. |
| Context - Setting/site and salient contextual factors; rationale** | NA |
| Sampling strategy - How and why research participants, documents, or events were selected; criteria for deciding when no further sampling was necessary (e.g., sampling saturation); rationale** | NA |
| Ethical issues pertaining to human subjects - Documentation of approval by an appropriate ethics review board and participant consent, or explanation for lack thereof; other confidentiality and data security issues | NA |
| Data collection methods - Types of data collected; details of data collection procedures including (as appropriate) start and stop dates of data collection and analysis, iterative process, triangulation of sources/methods, and modification of procedures in response to evolving study findings; rationale** | Review of literature pertinent to the topic. |

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| Data collection instruments and technologies - Description of instruments (e.g., interview guides, questionnaires) and devices (e.g., audio recorders) used for data collection; if/how the instrument(s) changed over the course of the study | Search of database, see *1 |
| Units of study - Number and relevant characteristics of participants, documents, or events included in the study; level of participation (could be reported in results) | NA |
| Data processing - Methods for processing data prior to and during analysis, including transcription, data entry, data management and security, verification of data integrity, data coding, and anonymization/de-identification of excerpts | Systematic description of reviewed articles. |
| Data analysis - Process by which inferences, themes, etc., were identified and developed, including the researchers involved in data analysis; usually references a specific paradigm or approach; rationale** | Lines 655-669 |
| Techniques to enhance trustworthiness - Techniques to enhance trustworthiness and credibility of data analysis (e.g., member checking, audit trail, triangulation); rationale** | Member checking |

Results/findings

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| Synthesis and interpretation - Main findings (e.g., interpretations, inferences, and themes); might include development of a theory or model, or integration with prior research or theory | Lines 700-826, Table 2, Figure 2 |
| Links to empirical data - Evidence (e.g., quotes, field notes, text excerpts, photographs) to substantiate analytic findings | NA |

Discussion

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| Integration with prior work, implications, transferability, and contribution(s) to the field - Short summary of main findings; explanation of how findings and conclusions connect to, support, elaborate on, or challenge conclusions of earlier scholarship; discussion of scope of application/generalizability; identification of unique contribution(s) to scholarship in a discipline or field | Lines 828-894 Figure 2 |
| Limitations - Trustworthiness and limitations of findings | Lines 666-669 |

Other

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|---|---------------|
| Conflicts of interest - Potential sources of influence or perceived influence on study conduct and conclusions; how these were managed | Lines 964-965 |
| Funding - Sources of funding and other support; role of funders in data collection, interpretation, and reporting | Lines 960-962 |

*The authors created the SRQR by searching the literature to identify guidelines, reporting standards, and critical appraisal criteria for qualitative research; reviewing the reference lists of retrieved sources; and contacting experts to gain feedback. The SRQR aims to improve the transparency of all aspects of qualitative research by providing clear standards for reporting qualitative research.

**The rationale should briefly discuss the justification for choosing that theory, approach, method, or technique rather than other options available, the assumptions and limitations implicit in those choices, and how those choices influence study conclusions and transferability. As appropriate, the rationale for several items might be discussed together.

Reference:

O'Brien BC, Harris IB, Beckman TJ, Reed DA, Cook DA. **Standards for reporting qualitative research: a synthesis of recommendations.** *Academic Medicine*, Vol. 89, No. 9 / Sept 2014
DOI: [10.1097/ACM.0000000000000388](https://doi.org/10.1097/ACM.0000000000000388)

Comments

*1 Data collection instruments and technologies

The MEDLINE (Pubmed) database was searched using the following search terms

Alzheimer's Disease AND neuroinflammation

Alzheimer's Disease AND microglia

Alzheimer's Disease AND Interleukin 1 beta

Alzheimer's Disease AND pathophysiology

Alzheimer's Disease AND NSAID

Alzheimer's Disease AND diclofenac

Alzheimer's Disease AND fenofibrate

Alzheimer's Disease AND COX

Alzheimer's Disease AND cyclooxygenases

Articles were selected based on relevance for the topic and clear description of qualitative and quantitative data.