

PRISMA 2020 Checklist

Manuscript: Circulating Neurofilament Light Chain as a Biomarker of Chemotherapy-Induced Peripheral Neuropathy: A Systematic Review, Dependency-Robust Meta-Analysis, and Multi-Omics Evidence Integration

Target journal: Supportive Care in Cancer **Prepared:** 31 August 2026

This location map is provided to facilitate submission. Authors should verify the final checklist after completing the remaining author-only declarations and registration status.

Item	Section/topic	PRISMA 2020 requirement (condensed)	Location in submission	Status
1	Title	Identify the report as a systematic review.	Main manuscript p. 1	Reported
2	Abstract	See PRISMA 2020 for Abstracts checklist.	Main manuscript p. 2	Reported
3	Rationale	Describe the rationale in the context of existing knowledge.	Main manuscript pp. 2–3, Introduction	Reported
4	Objectives	Provide an explicit statement of the objective(s) or question(s).	Main manuscript p. 3, end of Introduction	Reported
5	Eligibility criteria	Specify inclusion/exclusion criteria and grouping for syntheses.	Main manuscript p. 3, §2.2	Reported
6	Information sources	Specify databases/other sources and date last searched.	Main manuscript p. 3, §2.3; Online Resource 1, Table S1	Reported
7	Search strategy	Present full search strategies, including filters/limits.	Online Resource 1, Table S1	Reported
8	Selection process	Specify methods used to decide whether studies met inclusion criteria.	Main manuscript pp. 3–4, §2.4	Reported
9	Data collection process	Specify methods used to collect data from reports.	Main manuscript pp. 3–4, §2.4	Reported
10	Data items	List and define outcomes and other variables sought.	Main manuscript pp. 3–4, §§2.4–2.6	Reported
11	Study risk of bias assessment	Specify methods used to assess risk of bias.	Main manuscript p. 4, §2.5; Online Resource 1, Tables S1/S2 and Fig. S1	Reported
12	Effect measures	Specify effect measure(s) for each outcome.	Main manuscript p. 4, §2.6	Reported
13	Synthesis methods	Describe eligibility for syntheses, preparation, display, models, heterogeneity, sensitivity analyses.	Main manuscript p. 4, §§2.6–2.9; Online Resource 1	Reported
14	Reporting bias assessment	Describe methods to assess risk of bias due to missing results.	Main manuscript p. 4, §2.5 (formal small-study analyses not planned because <10 independent effects)	Reported
15	Certainty assessment	Describe methods to assess certainty/confidence.	Main manuscript p. 4, §2.5	Reported
16	Study selection	Describe results of search/selection, ideally with flow diagram.	Main manuscript p. 5, §3.1 and Fig. 1	Reported
17	Study characteristics	Cite each included study and present characteristics.	Main manuscript pp. 5–6, §3.2; Table 1 pp. 13–14	Reported
18	Risk of bias in studies	Present risk-of-bias assessments for each included study.	Main manuscript p. 8, §3.7; Online Resource 1, Fig. S1	Reported
19	Results of individual studies	For each outcome, present summary statistics/effect estimates and precision where applicable.	Main manuscript Figs. 2–3, pp. 6–7; Online Resource 1, Table S2	Reported
20	Results of syntheses	Summarize contributing studies, pooled estimates, heterogeneity and sensitivity/robust analyses.	Main manuscript pp. 6–8, §§3.3–3.6; Figs. 2–4; Table 2	Reported
21	Reporting biases	Present assessments of risk of bias due to missing results.	Main manuscript p. 8, §3.8 (not performed because <10 independent effects)	Reported / not estimable
22	Certainty of evidence	Present certainty/confidence for each outcome.	Main manuscript p. 8, §3.8; Online Resource 1, Fig. S6	Reported
23	Discussion	Interpret results, discuss limitations of evidence/review, and implications.	Main manuscript pp. 8–10, Discussion	Reported

Item	Section/topic	PRISMA 2020 requirement (condensed)	Location in submission	Status
24	Registration and protocol	Provide registration information/protocol access and amendments.	Main manuscript p. 3, §2.1	AUTHOR CONFIRMATION REQUIRED
25	Support	Describe sources of financial/non-financial support and role of funders.	Main manuscript p. 12, Statements & Declarations – Funding	AUTHOR CONFIRMATION REQUIRED
26	Competing interests	Declare competing interests of review authors.	Main manuscript p. 12, Statements & Declarations – Competing interests	AUTHOR CONFIRMATION REQUIRED
27	Availability of data, code and other materials	Report which materials are publicly available and where.	Main manuscript p. 12, Data and code availability; Online Resource 1	Reported; repository deposit optional