

STROBE Statement — Checklist for Cross-Sectional Studies

Manuscript: "Clinical and psychometric predictors of post-bariatric alcohol use disorder, with anchored gamma-glutamyl transferase as a concurrent objective marker: a cross-sectional study"

Item #	Section	Recommendation	Page/Section in manuscript
1	Title and abstract	Indicate the study's design with a commonly used term in the title or the abstract	Title page; Abstract
1	Title and abstract	Provide in the abstract an informative and balanced summary of what was done and what was found	Abstract
2	Introduction — Background/rationale	Explain the scientific background and rationale for the investigation being reported	Introduction §1–2
3	Introduction — Objectives	State specific objectives, including any prespecified hypotheses	Introduction §3
4	Methods — Study design	Present key elements of study design early in the paper	Methods — Study design
5	Methods — Setting	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	Methods — Population and recruitment
6	Methods — Participants	Give the eligibility criteria, and the sources and methods of selection of participants	Methods — Population
7	Methods — Variables	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers	Methods — Psychometric assessment, Clinical and laboratory linkage
8	Methods — Data sources/measurement	For each variable of interest, give sources of data and details of methods of assessment (measurement)	Methods — Clinical and laboratory linkage

9	Methods — Bias	Describe any efforts to address potential sources of bias	Methods — Anchored cross-sectional approach; Discussion — Limitations
10	Methods — Study size	Explain how the study size was arrived at	Methods — Population (139 enrolled, 130 linked)
11	Methods — Quantitative variables	Explain how quantitative variables were handled in the analyses	Methods — Statistical analysis
12	Methods — Statistical methods	Describe all statistical methods, including those used to control for confounding	Methods — Statistical analysis
12b		Describe any methods used to examine subgroups and interactions	Methods — Statistical analysis (sensitivity)
12c		Explain how missing data were addressed	Methods — Statistical analysis (anchored windows handle misalignment)
12d		If applicable, describe analytical methods taking account of sampling strategy	NA — convenience sample, single center
12e		Describe any sensitivity analyses	Methods — Sensitivity (AUDIT continuous, AUDIT-C, sex-specific NIAAA, comorbidity adjustment)
13	Results — Participants	Report numbers of individuals at each stage of study (eligible, examined, included)	Results — Sample characteristics; Methods (139 → 130)
14	Results — Descriptive data	Give characteristics of study participants (e.g., demographic, clinical, social) and information on exposures and potential confounders	Table 1; Results §1
15	Results — Outcome data	Report numbers of outcome events or summary measures	Results §1 (24.6% AUDIT+); Tables 1–3
16	Results — Main results	Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision	Results §2–3; Tables 2, 3
16b		Report category	Methods (AUDIT≥8);

		boundaries when continuous variables were categorized	Tables
16c		If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	Discussion §2
17	Results — Other analyses	Report other analyses done — e.g., analyses of subgroups, interactions, sensitivity	Results §4 (longitudinal null); Tables S1, S2
18	Discussion — Key results	Summarise key results with reference to study objectives	Discussion §1
19	Discussion — Limitations	Discuss limitations of the study, taking into account sources of potential bias or imprecision	Discussion — Limitations
20	Discussion — Interpretation	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Discussion §2–4
21	Discussion — Generalisability	Discuss the generalisability (external validity) of the study results	Discussion — Limitations (single-center)
22	Other information — Funding	Give the source of funding and the role of the funders for the present study	Statements — Funding

Note: Page references are approximate, based on the submitted manuscript layout. The complete analytical pipeline and de-identified dataset are publicly available (OSF DOI pending, GitHub link in manuscript).