THIRD EXAMINER · JOURNAL-SUBMISSION AUDIT

Shear bond strength of a bulk-fill resin composite to dentin using four adhesive protocols: an in-vitro study

Manuscript prepared from an MSc thesis · fictional sample · Ref. TE-0000

REFERENCES
22 of 24 OK

AUTHOR RULES
3 of 10 ready

Does each reference support its sentence?

Every reference was read against the sentence that cites it, and its details checked against the DOI record.

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

KEEP · 22 WRONG CLAIM · 1 FIX DETAILS · 1

[14] WRONG CLAIM
Cited for '10,000 thermocycles equal one year in the mouth'; the source reports a range and does not state this equivalence.

[22] FIX DETAILS
Year and volume do not match the DOI record.

[7] COPIED TEXT
Two Discussion sentences follow [7] without quotation marks. Journals run a similarity check on every submission.

Ready for the journal's author rules?

Generic rules common to dental journals. A named journal's rules are added only after we verify them on its author-guidelines page.

STATUS	RULE	THIS MANUSCRIPT
MISSING	**Consent for the use of extracted teeth**	Not stated
MISSING	**Conflict of interest and funding statements**	Not stated
MISSING	**Data availability statement**	Not stated
MISSING	**Reporting checklist for in-vitro studies (CRIS)**	Not attached
FIX	**Structured abstract**	All four headings present; the conclusion repeats the unsupported claim (M1)
FIX	**Numbered references, cited in order**	In order; [14] and [22] need work
FIX	**Tables cited in order, with units**	Present; Table 4.2 needs the corrections listed later
READY	**Keywords**	Present
READY	**Title page with affiliations and a corresponding author**	Present
READY	**Ethics approval statement**	Present

All authors and titles in the reference list are placeholders.

Reference verdicts, in full (all authors and titles are placeholders; journal: Placeholder Dental Journal)

REF	REFERENCE AND NOTE	VERDICT
[1]	Example A, Sample B. Bond durability of resin composites to dentin.	KEEP
[2]	Placeholder C, Demo D. Universal adhesives: a narrative review.	KEEP
[3]	Example E, Sample F. Etch-and-rinse versus self-etch strategies.	KEEP
[4]	Placeholder G, Demo H. Bulk-fill composites: depth of cure.	KEEP
[5]	Example I, Sample J. Shear bond strength test methods.	KEEP
[6]	Placeholder K, Demo L. Specimen preparation for dentin bonding tests.	KEEP
[7]	Example M, Sample N. Smear layer and adhesive penetration. Supports its sentences; two of them copy its abstract without quotation marks.	KEEP
[8]	Placeholder O, Demo P. Hybrid layer formation.	KEEP
[9]	Example Q, Sample R. Phosphoric acid etching of dentin.	KEEP
[10]	Placeholder S, Demo T. Mild self-etch adhesives.	KEEP
[11]	Example U, Sample V. One-step adhesives and water sorption.	KEEP
[12]	Placeholder W, Demo X. Polymerisation shrinkage of bulk-fill materials.	KEEP
[13]	Example Y, Sample Z. Light-curing protocols.	KEEP
[14]	Placeholder A, Demo B. Thermocycling and simulated ageing. Cited for '10,000 thermocycles equal one year in the mouth'; the source reports a range and does not state this equivalence.	WRONG CLAIM
[15]	Example C, Sample D. Failure-mode analysis after debonding.	KEEP
[16]	Placeholder E, Demo F. Stereomicroscope evaluation of fracture surfaces.	KEEP
[17]	Example G, Sample H. Sample size in dental bond strength studies.	KEEP
[18]	Placeholder I, Demo J. Reporting in-vitro dental studies (CRIS).	KEEP
[19]	Example K, Sample L. Statistical analysis of bond strength data.	KEEP
[20]	Placeholder M, Demo N. Post-hoc comparisons in laboratory studies.	KEEP
[21]	Example O, Sample P. Extracted human teeth: storage and handling.	KEEP
[22]	Placeholder Q, Demo R. Universal adhesives in etch-and-rinse mode. Year and volume do not match the DOI record.	FIX DETAILS
[23]	Example S, Sample T. Clinical performance of universal adhesives.	KEEP
[24]	Placeholder U, Demo V. Dentin bonding: future directions.	KEEP

Findings: must, should, optional

MUST	Rewrite the conclusion: C is comparable to the control (Tukey A vs C, p = 0.925), not above it.
MUST	Correct the group B mean from 12.58 to 15.28.
MUST	State n = 9 per group and report the exclusions.
MUST	Reword or replace the sentence cited to [14]: Cited for '10,000 thermocycles equal one year in the mouth'; the source reports a range and does not state this equivalence.
MUST	Add the consent, conflict-of-interest, funding and data-availability statements, and attach the CRIS checklist.
MUST	Quote or rewrite the two Discussion sentences that follow [7]. Journals run a similarity check on every submission.
SHOULD	Correct [22]: Year and volume do not match the DOI record.
SHOULD	Rewrite the two passages that read as machine-written (introduction, paragraph 1; discussion, paragraph 5).
SHOULD	Report the group D SD as 2.46 (0.82 is the SE).
SHOULD	Report the normality (lowest Shapiro–Wilk p = 0.395) and equal-variance (Levene p = 0.647) checks.
SHOULD	Add Tukey grouping letters to Table 4.2.
OPTIONAL	Show SD error bars on the bar chart of means.
OPTIONAL	Report the mean differences between groups with confidence intervals.

Checked and fine

OK	Thermocycling protocol (5,000 thermocycles) is described and matches the methods.
OK	One-way ANOVA recomputes exactly: F(3, 32) = 24.21, p < 0.001.
OK	Tukey post-hoc is the right follow-up for four independent groups.
OK	Means for groups A, C and D, and SDs for groups A, B and C, recompute from the raw data.
OK	Every other reference supports its sentence and matches its DOI record.