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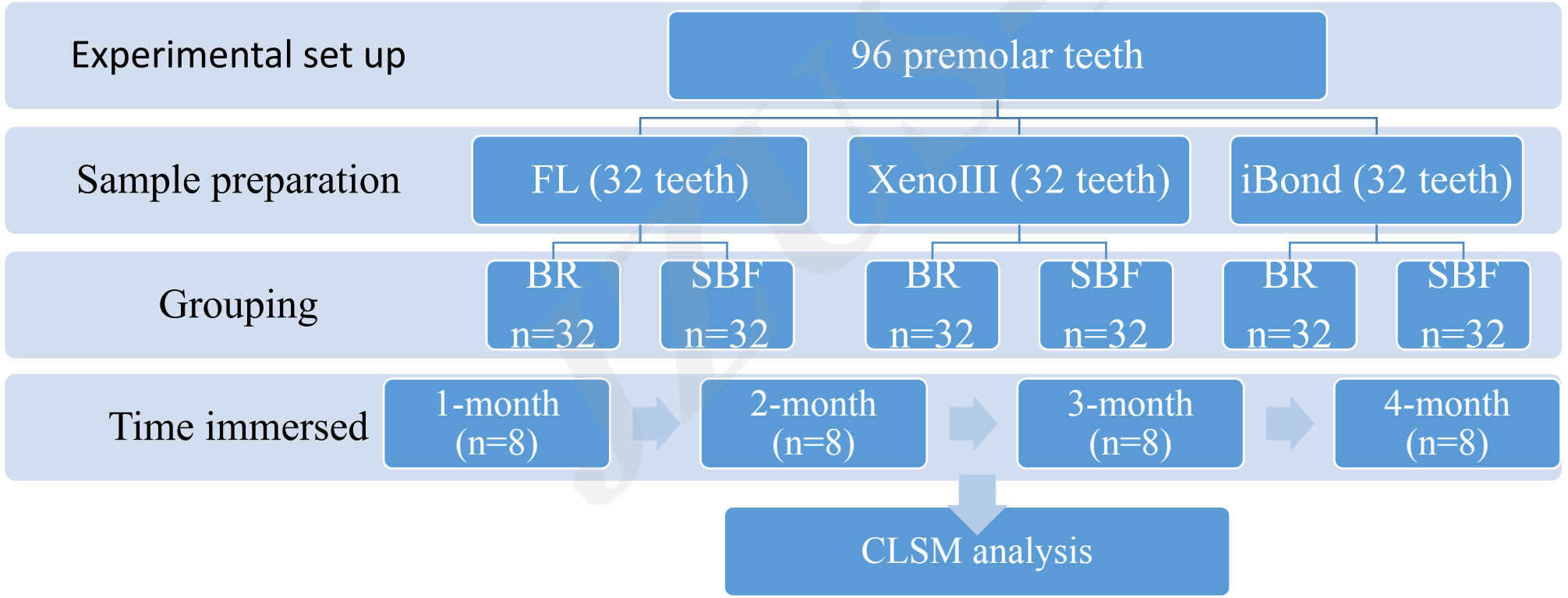
In vitro remineralization of hybrid layers using biomimetic analogs

Key words: Remineralization, Dentin, Adhesive resin, Biomimetic analogs, Altered collagen, Biomimetic, Confocal microscopy, Fluorescence

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Research Summary

Resin-dentin bond degradation is a major cause of restoration failures. The major aim of the current study was to evaluate the impact of a remineralization medium on collagen matrices of hybrid layers of three different adhesive resins using nanotechnology methods.



Null-hypotheses

with regard to Rhodamine B uptake of the hybrid layers to be tested

1. There is no difference between a two-step etch-and-rinse adhesive resin, a self-etching one-step two-bottle adhesive resin and a self-etching one-bottle adhesive resin.
2. The placement of the experimental specimens in a remineralization medium has no effect in comparison to a control group.
3. The duration of immersion has no effect.

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Our conclusion



Please read the article,

As all the ***null-hypotheses*** will be overturned.

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