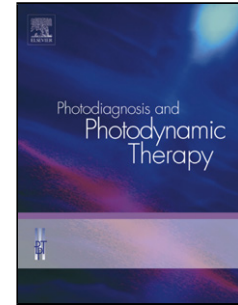


## Accepted Manuscript

Title: Efficacy of photodynamic therapy versus antibiotics as an adjunct to scaling and root planing in the treatment of periodontitis: A systematic review and meta-analysis

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Title page

**Running head:** Adjunctive photodynamic therapy versus adjunctive antimicrobial therapy in periodontitis

**Efficacy of photodynamic therapy versus antibiotics as an adjunct to scaling and root planing in the treatment of periodontitis: A systematic review and meta-analysis**

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**Highlights**

- Efficacy of photodynamic therapy (PDT) versus antibiotics in periodontitis was assessed.
- Five randomized control trials (RCTs) were included.
- Significant heterogeneity was found in the laser parameters.
- None of the studies showed additional benefits of PDT at follow up.
- More RCTs with standard laser parameters and longer follow ups are required.

**Abstract**

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