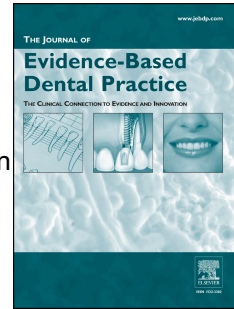


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The Use of Premolar Extractions With Orthodontic Treatment Does Not Guarantee An Improved Eruption Potential Of Third Molars

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Review Analysis & Evaluation – Etiology/Other

THE USE OF PREMOLAR EXTRACTIONS WITH ORTHODONTIC TREATMENT DOES NOT GUARANTEE AN IMPROVED ERUPTION POTENTIAL OF THIRD MOLARS.

REVIEWERS: ReAnn Cornell, Jae Hyun Park

Article Title and Bibliographic Information

Influence of orthodontic premolar extraction therapy on the eruption of the third molars: a systematic review of the literature. **Brezulier D, Fau V, Sorel O.** J Am Dent Assoc 2017;148(12):903-12

SORT Score: B

Level of Evidence: 2

Source of Funding: Information not available

KEY WORDS Premolar extraction, Third molars, Wisdom teeth, Orthodontic treatment, Systematic review

SUMMARY**Selection Criteria**

The authors conducted a search using 2 electronic databases (MEDLINE and Web of Science) for prospective and retrospective controlled clinical studies that compared orthodontic treatment groups with premolar extractions versus those without extractions concerning their effect on the eruption of the third molars. Studies were limited to articles published in English or French through April 2017. The initial search yielded 325 articles; 44 articles remained after title screening. After full text assessment, 12 articles were selected that satisfied the inclusion and exclusion criteria. Each article was independently assessed for quality.

Key Study Factors

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