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Motivational Interviewing–Based Approaches in Dental Practice Settings May Improve Oral Health Behaviors and Outcomes

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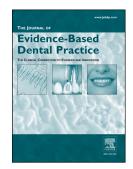
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ARTICLE ANALYSIS & EVALUATION // ETIOLOGY/OTHER

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Reviewer Donald L. Chi

The authors conducted a review of clinical studies to assess the effects of motivational interviewing within general dental practice settings on oral health behaviors and outcomes.

Article Title and Bibliographic Information: Motivational interviewing in general dental practice: A review of the evidence. Kay EJ, Vascott D, Hocking A, Nield H. Br Dent J 2016;221(12):785-91.

SORT Score: NA Level of Evidence: 2

Source of Funding: National Institute for Health Care Excellence (U.K.)

Type of Study/Design: Systematic Review

Keywords: Motivational interviewing, Health behavior, Dental health services, Dental health education, Dental caries

Summary

Selection Criteria. The authors searched 20 online resources (eg, Medline, Ovid, Embase) and grey literature databases, and issued a public evidence call for additional articles on motivational interviewing in dentistry. The goal was to identify studies that evaluated the effects of motivational interviewing–based approaches within general dental practice settings on oral health–related behaviors and outcomes. The review focused on human studies published in English from 1994 to an unspecified end date. Internal and external validity, degree of bias, and quality assessments were made by individual reviewers on a team and confirmed through group consensus. An additional reviewer conducted repeat quality assessments on 10% of the articles. In cases where there were discrepancies between group and repeat assessment, 2 additional reviewers assessed quality until final agreement was reached. Of the 5895 studies screened, 5735 were excluded based on information from the title and abstract. An additional 108 studies were excluded after full text screening (specific reasons not provided), and 44 studies that did not focus on motivational interviewing were removed.

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