National Dental PBRN Article of the Month

Measuring the impact of practice-based research networks on member dentists in the Collaboration on Networked Dental and Oral Health Research, CONDOR

The April 2013 issue of *Journal of Dentistry* featured an article entitled "Measuring the impact of practice-based research networks on member dentists in the Collaboration on Networked Dental and Oral Health Research, CONDOR".

In this publication, the authors from three former regional PBRNs developed a questionnaire to assess the impact of network participation on changes in practice patterns. Questionnaires were administered to network dentists and a non-network reference group. Practice patterns including caries diagnosis and treatment, pulp cap materials, third molar extraction, dentine hypersensitivity treatments and endodontic treatment and restoration were assessed by network, years in practice, and level of network participation.

950 practitioners completed the questionnaire. The results from the questionnaire indicated that the use of caries risk assessment forms differed by both network participation and years since dental degree. Recent dental graduates are more likely to recommend third molar removal for preventive reasons.

The authors concluded that practitioners in the CONDOR research...
networks are similar to their US colleagues. As a group, however, these practitioners show a more evidence-based approach to their practice. Dental PBRNs have the potential to improve the translation of evidence into daily practice. Designing methods to assess practice change and the associated factors is essential to addressing this important issue.

Click here to view the PubMed abstract.