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Each month we highlight a recent publication, recent study results, or other important information from the nation's network.

National Dental PBRN Article of the Month

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Dental risk factors for osteonecrosis of the jaws: a CONDOR case-control study

Clinical Oral Investigations features an article entitled "Dental risk factors for osteonecrosis of the jaws: a CONDOR case-control study". In this publication, the authors investigated the association of specific dental diagnoses and procedures with osteonecrosis of the jaws (ONJ) among patients with past bisphosphonates use.

They did this by having dentists from the 3 previous regional dental PBRNs provide ONJ cases and controls. Data included demographic, medical, pharmaceutical, and dental information. This study enrolled 191 ONJ cases and 573 controls from 119 dental offices. Among participants who had used only oral bisphosphonates, extraction was the only risk factor for ONJ. Among participants who had not used either oral or IV bisphosphonates, suppuration was the only dental risk factor for ONJ. The prevalence of extractions in this group was also higher, but not statistically significant.

The authors concluded that among patients taking oral bisphosphonates, extraction was the only dental procedure associated with subsequent ONJ development. These findings suggest that routine dental procedures are not associated with development of ONJ in patients exposed to bisphosphonates.

Click [here](#) to view the PubMed abstract.