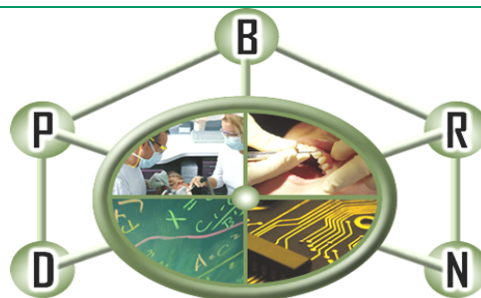


# DPBRN Monthly E-Update      March 2011



Dental Practice-Based Research Network  
[www.DentalPBRN.org](http://www.DentalPBRN.org)

Each month we highlight a recent DPBRN publication, recent study results, or other important DPBRN information.

## DPBRN Publications of the Month

### ***Journal of Dental Research* features two articles conducted by DPBRN on osteonecrosis of the jaw**

The International and American Associations for Dental Research (IADR/AADR) released a news item regarding two articles that will be featured in their *Journal of Dental Research* on osteonecrosis of the jaw (ONJ). These articles, written by DPBRN investigators, feature some of the largest published studies to date on ONJ patients.

In the article entitled "Risk Factors for Osteonecrosis of the Jaws: a Case-control Study from the CONDOR Dental PBRN", the authors conducted a case-control study to determine the risk associated with bisphosphonates and identify other risk factors for ONJ, including dental diseases and procedures. Researchers enrolled 191 ONJ cases and 573 controls from 119 dental practices and found that bisphosphonate use was strongly associated with ONJ.

In the second article entitled "ONJ in Two Dental Practice-Based Research Network Regions", the authors conducted a DPBRN study that estimated ONJ incidence and odds ratios from bisphosphonate exposure and other risk factors using patients' electronic records. The researchers identified 572,606 health plan members and of those patients, approximately 25,000 had a diagnosis or procedure code that suggested a necrotic bone lesion, including inflammatory jaw condition, cyst of bone, aseptic necrosis of the bone and open wound of the jaw. Patients with oral bisphosphonates were 15.5 times more likely to have ONJ than non-exposed patients.

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